

## APPENDIX F: WATER RESOURCES SUPPORTING DATA

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**Table F-1. BLM range gage yearly precipitation averages (gages within and adjacent to the CD-C project area)**

Name	Location	Record	Minimum (inches)	Maximum (inches)	Average (inches)
Adams	SWSW Section 11 T17N: R92W	1987 - 2010	4.58	12.91	8.52
Creston	SESE Section 22 T20N: R92W	1986 - 1996, 1998 - 2010	4.95	11.70	7.96
Cyclone Rim	SWSW Section 36 T25N: R96W	1986 - 2010	2.51	8.08	5.04
Echo Springs	NENE Section 6 T17N: R92W	1961 - 1970, 1974 - 2010	4.03	14.74	7.57
Flat Top	SESW Section 31 T15N: R93W	1974 - 1983, 1985 - 2003, 2005 - 2010	3.73	14.50	9.28
LaClede	SWSW Section 30 T18N: R93W	1987 - 2010	3.57	9.26	6.66
Little Robber	SWSW Section 7 T14N: R91W	1961 - 1971, 1974 - 1987, 1989 - 2010	4.28	15.14	9.59
Man and Boy	SESW Section 2 T17N: R95W	1963 - 1964, 1966 - 1972, 1974 - 1976, 1978 - 1982, 1984 - 1988, 1990 - 2010	3.85	10.74	7.14
Mexican Graves	NWSE Section 22 T16N: R93W	1961, 1964 - 1968, 1970 - 1972, 1974 - 1983, 1985 - 1986, 1988 - 2010	5.04	13.33	7.74
Mud Springs	NESW Section 7 T22N: R91W	1986 - 2010	3.55	9.27	6.52
North Tipton	SESW Section 21 T21N: R96W	1987, 1989 - 1994, 1996 - 2002, 2004 - 2010	3.38	8.62	6.24
Tipton	NESE Section 36 T19N: R96W	1986 - 1991, 1993 - 2010	4.50	11.07	8.44
Willow Creek	NWNE Section 32 T16N: R94W	1980 - 1981, 1983, 1986 - 1993, 1997 - 2010	3.16	12.10	7.35
<b>Average for all Gages =</b>					<b>7.54</b>
<b>Minimum Average for all Gages =</b>					<b>3.93</b>
<b>Maximum Average for all Gages =</b>					<b>11.65</b>

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**Table F-2. Flow statistics from USGS gaging stations located within and adjacent to the CD-C project area**

Station Name	Station Number	Drainage Area (sq. mi.)	Period of Record	Mean Flow <sup>1</sup> (cfs)	Mean Annual Runoff (ac-ft/yr)	Median Flow <sup>2</sup> (cfs)	Min. Flow <sup>2</sup> (cfs)	Max. Flow (cfs) Date
<b>Upper Green Basin (HUC 140401)</b>								
Bitter Creek	09216545	308	7/1975 – 9/1981	3.7	2,773	1.0	0	333 7/25/1975
<b>White-Yampa Basin (HUC 140500)</b>								
Little Snake River near Dixon	09257000	988	10/1/1910 - 9/30/1923 10/1/1938 – 9/30/1971 4/1/1972 – 9/30/1997 <sup>4</sup>	514	372,355	100	0	10,400 5/16/1984
Muddy Creek near Baggs	09259000	1,257 (1,187) <sup>3</sup>	10/1/1987 - 9/30/1991	14.8	10,675	2.8	0.03	632 3/23/1988
Muddy Creek below Young Draw near Baggs	09258980	1,150	4/17/2004 - 2/15/2011	18.0	13,066	1.1	0.07	499 3/8/2007
<b>Great Divide Basin (HUC 140402)</b>								
Separation Creek near Riner	09216527	53	10/1/1975 - 9/30/1981	1.8	1,300	0	0	76 4/20/1980
Separation Creek at upper station near Riner	09216525	42	7/1/1975 - 9/30/1975	1.3	na	0.8	0.5	21 9/11/1975

<sup>1</sup> Over period of record (cubic feet per second)

<sup>2</sup> Of mean daily values.

<sup>3</sup> Contributing drainage area.

<sup>4</sup> Daily flow measurements were only made from April through October during this time; not included in calculation of mean or median flow.

Source: USGS 2007 and 2011

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-3. Surface water rights and use within 1 mile of the CD-C project area**

SEO Use Designation (As Assigned)	Surface Water Rights
Stock	291
Irrigation; Stock	13
Miscellaneous	13
Irrigation	12
Fish Propagation; Stock; Wetlands; Combined Beneficial Use	6
Reservoir Supply	6
Domestic; Irrigation; Stock	5
Fish Propagation; Stock; Wetlands	4
Industrial	4
Irrigation; Stock; Combined Beneficial Use	4
Industrial; Temporary; Combined Beneficial Use	3
Stock; Wetlands; Combined Beneficial Use	3
Wetlands	3
Flow Through Non-consumptive; Reservoir Supply	2
Unspecified	1
Domestic; Irrigation	1
Domestic; Irrigation; Stock; Combined Beneficial Use	1
Drilling; Industrial; Oil Refining/Production; Temporary	1
Fish Propagation; Flood Control; Stock	1
Fish Propagation; Recreation; Stock; Combined Beneficial Use	1
Fish Propagation; Reservoir Supply	1
Fish Propagation; Stock; Combined Beneficial Use	1
Industrial; Irrigation; Stock; Combined Beneficial Use	1
Irrigation; Reservoir Supply	1
Irrigation; Reservoir Supply; Stock	1
Reservoir Supply; Stock	1
Stock; Wildlife	1
Wildlife	1
<b>Total</b>	<b>383</b>
Use Included in SEO Designation	Surface Water Rights
Stock	334
Irrigation	39
Wetlands	16
Fish Propagation	14
Miscellaneous	13
Reservoir Supply	12
Industrial	9
Domestic	7
Temporary	4
Flow Through Non-consumptive	2
Wildlife	2
Oil Refining/Production	1
Flood Control	1
Recreation	1
Unspecified	1
<b>Total<sup>1</sup></b>	<b>456</b>

<sup>1</sup> Total (456) exceeds the number of permitted surface water rights (383) since individual rights may have multiple uses

Source: SEO 2011

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
CR08/504	06/26/1974	--	USDI BLM	Toad Stool (Index #4321) Stock Reservoir	STO	013N	091W	4	NW1/4SW1/4	7.24	Toad Stool Draw	41.12476	-107.64740
P18111S	03/20/2006	Fully Adjudicated	--	H & C LLC #4 STOCK RESERVOIR	STO	013N	091W	4	SW1/4SE1/4	--	Sec 4 Draw	41.12064	-107.63786
P7747S	06/26/1974	Fully Adjudicated	--	Toad Stool (Index #4321) Stock Reservoir	STO	013N	091W	4	NW1/4SW1/4	7.24	Toad Stool Draw	41.12526	-107.64723
P18265S	03/20/2006	Fully Adjudicated	--	CHANT #2 STOCK RESERVOIR	STO	013N	091W	5	NE1/4SW1/4	--	Flute Draw	41.12477	-107.66177
P5313R	07/27/1940	Unadjudicated	US DEPARTMENT OF INTERIOR, DIV. OF GRAZING	Cottonwood Reservoir	STO	013N	091W	6	NE1/4NE1/4	96.21	Percy Draw	41.13203	-107.67136
P17348D	03/12/1928	Fully Adjudicated	P.E. POULSON	Muddy Ditch	DOM; IRR	013N	091W	All	--	1.09	Jackson Draws No. 1-2	41.09035	-107.63076
CR11/096	09/27/1985	--	USDI BLM	Detention 1392 #2 Stock Reservoir	STO	013N	092W	1	NW1/4SW1/4	19.18	Cottonwood Creek	41.12479	-107.70489
P9775S	09/27/1985	Fully Adjudicated	--	Detention 1392 #2 Stock Reservoir	STO	013N	092W	1	NW1/4SW1/4	19.18	Cottonwood Creek	41.12544	-107.70593
P11313S	09/11/1991	--	--	Exclosure Stock Reservoir	STO	013N	092W	3	NW1/4NE1/4	3.78	Dogleg Draw	41.13203	-107.73228
P12793S	03/22/1996	--	--	Washout (0312) Stock Reservoir	STO	013N	092W	3	NE1/4SE1/4	2.73	Dogleg Draw	41.12482	-107.72883
CR11/105	09/12/1985	--	USDI BLM	Lost Sheep Stock Reservoir	STO	013N	093W	1	NW1/4SE1/4	3.3	Lost Sheep Gulch	41.12498	-107.80981
P9759S	09/12/1985	Fully Adjudicated	--	Lost Sheep Stock Reservoir	STO	013N	093W	1	NW1/4SE1/4	3.3	Lost Sheep Gulch	41.12351	-107.80949
P11358S	09/09/1991	--	--	McIntosh Stock Reservoir	STO	013N	093W	2	NW1/4NE1/4	4.3	McIntosh Draw	41.13228	-107.82897
P6576S	12/10/1969	Fully Adjudicated	USDI BLM	Rocky Ridge Pit Stock Reservoir	STO	014N	091W	5	SW1/4SE1/4	1.98	Reef Draw	41.20745	-107.65593
CR05/591	12/10/1969	--	USDI BLM	Rocky Ridge Pit Stock Reservoir	STO	014N	091W	5	SW1/4SE1/4	1.98	Reef Draw	41.20812	-107.65678
P6656S	03/09/1970	Fully Adjudicated	USDI BLM	Bottle Stock Reservoir	STO	014N	091W	8	SE1/4NE1/4	1.16	Bottle Draw	41.20114	-107.65244
CR05/588	03/09/1970	--	USDI BLM	Bottle Stock Reservoir	STO	014N	091W	8	SE1/4NE1/4	1.16	Bottle Draw	41.20087	-107.65201
P6655S	03/09/1970	Fully Adjudicated	USDI BLM	Thunder Stock Reservoir	STO	014N	091W	17	SW1/4NE1/4	1.99	Thunder Draw	41.18786	-107.65680
CR05/589	03/09/1970	--	USDI BLM	Thunder Stock Reservoir	STO	014N	091W	17	SW1/4NE1/4	1.99	Thunder Draw	41.18637	-107.65684
CR05/583	12/10/1969	--	USDI BLM	Tangled Chain Pit Stock Reservoir	STO	014N	091W	28	SW1/4NE1/4	1.97	Impossible Draw	41.15738	-107.63772
P17276S	07/26/2004	Fully Adjudicated	--	HICKS STOCK RESERVOIR	STO	014N	091W	32	SE1/4SE1/4	--	--	41.13515	-107.65219
P18054S	03/20/2006	Complete	--	H & C #3 DAM STOCK RESERVOIR	STO	014N	091W	32	--	--	Impossible Draw	41.14108	-107.65936
P6558S	12/08/1969	Fully Adjudicated	USDI BLM	"V" Spreader Pit Stock Reservoir	STO	014N	092W	1	NW1/4SE1/4	0.92	Tom Draw	41.21174	-107.69512

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**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
CR05/593	12/08/1969	--	USDI BLM	"V" Spreader Pit Stock Reservoir	STO	014N	092W	1	NW1/4SE1/4	0.92	Tom Draw	41.21174	-107.69512
P11322S	09/04/1991	--	--	Big Robber Stock Reservoir	STO	014N	092W	8	SE1/4NW1/4	4.32	Robber Flat Draw	41.20092	-107.77657
P11323S	09/04/1991	--	--	Little Robber Stock Reservoir	STO	014N	092W	12	SE1/4SW1/4	0.45	Robbers Playa Draw	41.19363	-107.69998
P9534R	09/22/1988	Fully Adjudicated	--	Little Robber Detention Dam Reservoir	FIS; STO; COMBBU	014N	092W	14	NW1/4NE1/4	550.58	Little Robbers Gulch	41.18926	-107.71669
CR13/055	09/22/1988	--	USDI BLM	Little Robber Detention Dam Reservoir	FIS; FLO; STO	014N	092W	14	NW1/4NE1/4	550.58	Little Robbers Gulch	41.19001	-107.71438
P11324S	09/04/1991	--	--	Wild Horse Stock Reservoir	STO	014N	092W	15	NW1/4NE1/4	15.76	Wagner Gulch	41.19102	-107.73182
P10331S	10/05/1987	--	--	Big Robber Detention Dam No. 1 Stock Reservoir	STO	014N	092W	17	NE1/4NW1/4	2.50	Muddy Crown Draw	41.19008	-107.77645
P9780S	09/27/1985	Fully Adjudicated	--	Trail Stock Reservoir	STO	014N	092W	20	SW1/4NW1/4	8.40	Little Robbers Gulch	41.17308	-107.78193
CR11/088	09/27/1985	--	USDI BLM	Trail Stock Reservoir	STO	014N	092W	20	SW1/4NW1/4	8.40	Little Robbers Gulch	41.17196	-107.78138
P9756S	09/12/1985	Fully Adjudicated	--	Rattlesnake Stock Reservoir	STO	014N	092W	23	NE1/4NW1/4	14.70	Rattlesnake Draw	41.17428	-107.71776
CR11/089	09/12/1985	--	USDI BLM	Rattlesnake Stock Reservoir	STO	014N	092W	23	NE1/4NW1/4	14.70	Rattlesnake Draw	41.17552	-107.71920
P11325S	09/04/1991	--	--	Detention 1492-3 Stock Reservoir	STO	014N	092W	26	SE1/4SE1/4	5.35	Muddy Creek	41.15114	-107.70937
P11326S	09/04/1991	--	--	Detention 1492 #1 Stock Reservoir	STO	014N	092W	28	NW1/4NE1/4	1.80	North Fork Cottonwood Creek	41.16159	-107.75362
P6563S	12/08/1969	Fully Adjudicated	USDI BLM	Pocket Stock Reservoir	STO	014N	092W	29	SW1/4NE1/4	1.97	Pocket Draw	41.15867	-107.77125
CR05/592	12/08/1969	--	USDI BLM	Pocket Stock Reservoir	STO	014N	092W	29	SW1/4NE1/4	1.97	Pocket Draw	41.15746	-107.77184
P6571S	12/10/1969	Unadjudicated	USDI BLM	Dike View Stock Reservoir	STO	014N	092W	32	NW1/4NE1/4	1.97	Dike View Draw	41.14659	-107.77186
P11314S	09/11/1991	--	--	South Flat Top #2 Stock Reservoir	STO	014N	092W	33	NW1/4SW1/4	7.47	Dogleg Draw	41.13934	-107.76231
P9757S	09/12/1985	Fully Adjudicated	--	Detention Dam 1682 #4 Stock Reservoir	STO	014N	092W	34	NE1/4NE1/4	10.0	Dike View Draw	41.14646	-107.72928
CR11/098	09/12/1985	--	USDI BLM	Detention Dam 1682 #4 Stock Reservoir	STO	014N	092W	34	NE1/4NE1/4	10.0	Dike View Draw	41.14656	-107.72880
P13758S	02/01/2000	Unadjudicated	HOWARD B. LEE FAMILY	Lee Family #1 Stock Reservoir	STO	014N	092W	36	NE1/4SW1/4	--	Lee Draw	41.13930	-107.70008
P7717S	06/26/1974	Fully Adjudicated	USDI BLM	West Flattop (Index #4358) Stock Reservoir	STO	014N	093W	3	SE1/4NW1/4	2.98	South Fork West Flattop Draw	41.21590	-107.85266
CR08/520	06/26/1974	--	USDI BLM	West Flattop (Index #4358) Stock Reservoir	STO	014N	093W	3	SE1/4NW1/4	2.98	South Fork West Flattop Draw	41.21590	-107.85266
P10872S	01/24/1990	Unadjudicated	--	Center Stock Reservoir	STO	014N	093W	10	SE1/4SW1/4	1.01	Upper Hangout Draw	41.19318	-107.85258
P10873S	01/24/1990	Unadjudicated	--	Tip Top Stock Reservoir	STO	014N	093W	13	NW1/4NE1/4	0.95	Upper Top Draw	41.18965	-107.80740
P11332S	09/04/1991	--	--	Morgan Stock Reservoir	STO	014N	093W	14	NE1/4NW1/4	1.86	Morgan Draw	41.18960	-107.83251

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**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P11333S	09/04/1991	Unadjudicated	--	SW Flat Top Stock Reservoir	STO	014N	093W	15	SW1/4NE1/4	1.21	Sand Creek	41.18731	-107.84952
P11315S	09/11/1991	--	--	South Flat Top Stock Reservoir	STO	014N	093W	24	SW1/4SE1/4	0.95	Nubs Draw	41.16321	-107.81068
P11327S	09/04/1991	--	--	Standard Road Stock Reservoir	STO	015N	092W	5	SE1/4NW1/4	2.39	Glenarm Creek	41.30154	-107.77559
P11328S	09/04/1991	--	--	South Barrel #5 Stock Reservoir	STO	015N	092W	7	NW1/4NW1/4	1.40	South Barrel Draw	41.29152	-107.79595
P11329S	09/04/1991	--	--	South Muddy #2 Stock Reservoir	STO	015N	092W	11	NW1/4NW1/4	1.71	Highway Mud Wash	41.29141	-107.72390
P19253S	07/17/2009	Incomplete	BLM	BLUE GAP PIT # 3	STO	015N	092W	13	NE1/4SW1/4	--	Pit #3 Draw	41.26795	-107.70164
P9013R	07/05/1985	Unadjudicated	--	Mexican flats Water Disposal Reservoir	IND; TEM; COMBBU	015N	092W	17	SW1/4NE1/4	28.59	Soco Draw	41.27340	-107.77191
P18862S	03/19/2008	Unadjudicated	USDI BLM	Mexican Flats Pit #1 Stock Reservoir	STO	015N	092W	17	SW1/4SE1/4	--	Soco Draw	41.26616	-107.77189
P7721S	06/26/1974	Fully Adjudicated	USDI BLM	Blue Gap (Index #4319) Stock Reservoir	STO	015N	092W	23	NW1/4NE1/4	3.79	Little Blue Gap Draw	41.26254	-107.71440
P9659S	03/25/1985	Fully Adjudicated	--	Blue Gap Pit Stock Reservoir	STO	015N	092W	23	NW1/4NE1/4	3.49	Little Blue Gap Draw	41.26252	-107.71442
CR11/084	03/25/1985	--	USDI BLM	Blue Gap Pit Stock Reservoir	STO	015N	092W	23	NW1/4NE1/4	3.49	Little Blue Gap Draw	41.26245	-107.71428
CR08/518	06/26/1974	--	USDI BLM	Blue Gap (Index #4319) Stock Reservoir	STO	015N	092W	23	NW1/4NE1/4	3.79	Little Blue Gap Draw	41.26245	-107.71428
P19252S	07/17/2009	Incomplete	BUREAU OF LAND MANAGEMENT	BLUE GAP PIT # 4	STO	015N	092W	24	SE1/4NE1/4	--	Pit # 4 Draw	41.25871	-107.69253
P11330S	09/04/1991	--	--	Detention 1592-2 Stock Reservoir	STO	015N	092W	28	SE1/4SW1/4	6.85	Bunny Drop Draw	41.23594	-107.75821
P9781S	09/27/1985	Fully Adjudicated	--	Blue Gap Stock Reservoir	STO	015N	092W	29	NE1/4NW1/4	2.4-	Blue Gap Draw	41.24750	-107.77504
CR11/083	09/27/1985	--	USDI BLM	Blue Gap Stock Reservoir	STO	015N	092W	29	NE1/4NW1/4	2.4-	Blue Gap Draw	41.24807	-107.77664
P9783S	09/27/1985	Fully Adjudicated	--	Dad Larsen Detention 1593 #6 Stock Reservoir	STO	015N	093W	14	SE1/4NE1/4	19.84	West Flattop Draw	41.27213	-107.82611
CR11/091	09/27/1985	--	USDI BLM	Dad Larsen Detention 1593 #6 Stock Reservoir	STO	015N	093W	14	SE1/4NE1/4	19.84	West Flattop Draw	41.27374	-107.82387
P11336S	09/04/1991	--	--	South Barrel #4 Stock Reservoir	STO	015N	093W	15	SE1/4SE1/4	1.37	Upper Painted Draw	41.26637	-107.84379
P7746S	06/26/1974	Fully Adjudicated	USDI BLM	Five Coyote (Index #4352) Stock Reservoir	STO	015N	093W	21	NW1/4SE1/4	5.10	Five Coyote Draw	41.25739	-107.86935
CR08/524	06/26/1974	--	USDI BLM	Five Coyote (Index #4352) Stock Reservoir	STO	015N	093W	21	NW1/4SE1/4	5.10	Five Coyote Draw	41.25576	-107.86700
P7719S	06/26/1974	Fully Adjudicated	USDI BLM	Upper Painted (Index #4354) Stock Reservoir	STO	015N	093W	22	SW1/4SE1/4	2.71	Upper Painted Draw	41.25210	-107.84785

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**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
CR08/522	06/26/1974	--	USDI BLM	Upper Painted (Index #4354) Stock Reservoir	STO	015N	093W	22	SW1/4SE1/4	2.71	Upper Painted Draw	41.25210	-107.84785
CR08/523	06/26/1974	--	USDI BLM	Lower Painted (Index #4353) Stock Reservoir	STO	015N	093W	22	NW1/4NW1/4	2.98	Lower Painted Draw	41.26299	-107.85743
P11338S	09/04/1991	--	--	Flat Top #1 Stock Reservoir	STO	015N	093W	27	SW1/4NE1/4	3.34	Twin Draw	41.24637	-107.84840
CR08/521	06/26/1974	--	USDI BLM	Upper Twin (Index #4355) Stock Reservoir	STO	015N	093W	33	SE1/4NE1/4	2.98	Twin Draw	41.23039	-107.86219
P10217R	09/07/1995	Fully Adjudicated	Little Snake River Conservation District	Upper Dike Reservoir	STO; WET; COMBBU	016N	092W	5	--	37.4	Muddy Creek	41.38561	-107.76714
P10218R	09/07/1995	Fully Adjudicated	Little Snake River Conservation District	Middle Dike Reservoir	STO; WET; COMBBU	016N	092W	5	--	40.2	Muddy Creek	41.38932	-107.77435
P10219R	09/07/1995	Fully Adjudicated	Little Snake River Conservation District	Lower Dike Reservoir	STO; WET; COMBBU	016N	092W	5	SW1/4SW1/4	159.00	Muddy Creek	41.38098	-107.78042
P16959D	03/13/1925	Unadjudicated	Geo. W. Dew	Dew Ditch No. 1	IRR	016N	092W	5	SE1/4SW1/4	1.42	Muddy Creek	41.38218	-107.77601
P16960D	03/13/1925	Fully Adjudicated	Geo. W. Dew	Dew Ditch No. 2	IRR	016N	092W	5	SE1/4SW1/4	1.97	Muddy Creek	41.38216	-107.77602
P31451D	09/07/1995	Fully Adjudicated	Little Snake River Conservation District	Muddy Creek Duck Pond Ditch	RES	016N	092W	5	--	0.00	Muddy Creek	41.38198	-107.78156
P7403E	05/27/2004	Unadjudicated	Steve F. Adams	Duck Pond #5 Enl. of the Muddy Creek Duck Pond Supply Ditch	FTH; RES	016N	092W	5	--	--	Muddy Creek	41.39887	-107.77767
CC47/312	03/13/1925	--	GEORGE W. DEW	Dew Ditch No. 2	IRR	016N	092W	5	SE1/4SW1/4	0.64	Muddy Creek	41.38198	-107.77675
CC81/089	09/07/1995	--	USDI BLM	Muddy Creek Duck Pond Ditch	RES	016N	092W	5	--	159	Muddy Creek	41.38930	-107.77435
CR14/241	09/07/1995	--	USDI BLM	Upper Dike Reservoir	WET	016N	092W	5	--	2.00	Muddy Creek	41.38930	-107.77435
CR14/242	09/07/1995	--	USDI BLM	Middle Dike Reservoir	WET	016N	092W	5	--	2.00	Muddy Creek	41.38930	-107.77435
CR14/243	09/07/1995	--	USDI BLM	Lower Dike Reservoir	WET	016N	092W	5	SW1/4SW1/4	4.00	Muddy Creek	41.38198	-107.78156
P11760R	05/27/2004	Unadjudicated	--	Duck Pond #5 Reservoir	FIS; STO; WET; COMBBU	016N	092W	8	--	--	Muddy Creek	41.37124	-107.78352
P17154S	07/08/1994	Unadjudicated	--	LSRCD/Weber Pit #1 (West) Stock Reservoir	STO	016N	092W	8	--	--	Muddy Creek	41.37291	-107.77434
P17155S	07/08/1994	Unadjudicated	--	LSRCD/Weber Pit #2 (East) Stock Reservoir	STO	016N	092W	8	--	--	Muddy Creek	41.37291	-107.77434
P6871S	01/25/1971	Fully Adjudicated	USDI BLM	Cedar Stock Reservoir	STO	016N	092W	9	NE1/4NE1/4	0.86	South Cedar Draw	41.37762	-107.74916
CR07/240	01/25/1971	--	USDI BLM	Cedar Stock Reservoir	STO	016N	092W	9	NE1/4NE1/4	0.86	South Cedar Draw	41.37833	-107.74793
P11331S	09/04/1991	--	--	Juniper Ridge Stock Reservoir	STO	016N	092W	10	NE1/4NE1/4	0.23	Dry Cow Creek	41.37832	-107.72870
P11834D	11/17/1904	Unadjudicated	A.T. CORLETT	Corlett Ditch	IRR; STO	016N	092W	17	NE1/4NW1/4	3.78	Muddy Creek	41.36446	-107.77872
P7754D	03/29/1907	Fully Adjudicated	Stephen Adams	Muddy Ditch	IRR	016N	092W	20	SE1/4NE1/4	3.15	Muddy Creek	41.34554	-107.76643

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P11027S	06/04/1990	--	--	Irrigation Ditch Stock Reservoir	STO	016N	092W	21	NW1/4SW1/4	0.15	East Fork Muddy Creek	41.34390	-107.75512
P18716S	10/25/2007	Complete	PATRICK AND JUDITH SHEEHAN	PS-3 STOCK RESERVOIR	STO	016N	092W	28	--	--	PS-3 Draw	41.33306	-107.76408
P10548R	07/22/1997	Fully Adjudicated	--	Red Wash #1 Wetland Reservoir	FIS; STO; WET; COMBBU	016N	092W	29	SE1/4SW1/4	39.68	Little Snake River	41.32396	-107.77673
P7195E	07/08/1997	Fully Adjudicated	--	RED WASH L.H. enl Muddy Ditch	FIS; RES	016N	092W	29	--	3.61	Muddy Creek	--	--
CR15/279	07/22/1997	--	City of Cheyenne, et al.	Red Wash No. 1 Wetland Reservoir	FIS; STO; WET	016N	092W	29	SE1/4SW1/4	39.68	Little Snake River	41.32395	-107.77673
P9620S	03/25/1985	Fully Adjudicated	--	Adobe Cove Pit Stock Reservoir	STO	016N	092W	30	SE1/4NE1/4	0.75	Flats Draw	41.33121	-107.78634
CR11/092	03/25/1985	--	USDI BLM	Adobe Cove Pit Stock Reservoir	STO	016N	092W	30	SE1/4NE1/4	0.75	Flats Draw	41.33121	-107.78634
P10549R	07/22/1997	Fully Adjudicated	--	Red Wash #4 Wetland Reservoir	FIS; STO; WET; COMBBU	016N	092W	31	NE1/4NE1/4	21.4	Flats Draw	41.32033	-107.78634
CR15/280	07/22/1997	--	City of Cheyenne, et al.	Red Wash No. 4 Wetland Reservoir	FIS; STO; WET	016N	092W	31	NE1/4NE1/4	21.4	Flats Draw	41.32033	-107.78634
P10546R	07/08/1997	Fully Adjudicated	--	Red Wash #2 Wetland Reservoir	FIS; STO; WET; COMBBU	016N	092W	32	SW1/4NE1/4	143.36	Little Snake River	41.31670	-107.77192
P10547R	07/08/1997	Fully Adjudicated	--	Red Wash #3 Wetland Reservoir	FIS; STO; WET; COMBBU	016N	092W	32	SW1/4NE1/4	8.10	Little Snake River	41.31670	-107.77192
P11367R	05/31/2002	Unadjudicated	--	RED WASH #5 WETLAND Reservoir	FIS; STO; WET; COMBBU	016N	092W	32	SE1/4NE1/4	--	Muddy Creek	41.31617	-107.76733
P7346E	05/31/2002	Unadjudicated	USDI BLM	RED WASH SECOND ENL. MUDDY DITCH (#7754)	FTH; RES	016N	092W	32	NE1/4NE1/4	--	Muddy Creek	--	--
CR15/277	07/08/1997	--	City of Cheyenne, et al.	Red Wash No. 2 Wetland Reservoir	FIS; STO; WET	016N	092W	32	SW1/4NE1/4	143.36	Little Snake River	41.31670	-107.77192
CR15/278	07/08/1997	--	City of Cheyenne, et al.	Red Wash No. 3 Wetland Reservoir	FIS; STO; WET	016N	092W	32	SW1/4NE1/4	8.10	Little Snake River	41.31670	-107.77192
P11029S	06/04/1990	--	--	Northwest Border Stock Reservoir	STO	016N	092W	34	NW1/4NW1/4	1.37	Northwest Border Draw	41.32033	-107.74311
P12671S	11/08/1995	--	--	Niland No. 1 (5521) Stock Reservoir	STO	016N	092W	35	NW1/4SE1/4	0.36	Muddy Creek	41.31209	-107.71588
CC82/147	07/08/1997	--	City of Cheyenne, Board of Public Utilities, et al.	Muddy Ditch,, Enl.	RES	016N	092W		--	212.00	Muddy Creek	41.35295	-107.74499
P10867S	01/24/1990	Unadjudicated	--	Clay Flat Stock Reservoir	STO	016N	093W	1	NE1/4NW1/4	1.29	Doty Draw	41.39731	-107.81433

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P9621S	03/25/1985	Fully Adjudicated	--	No. Barrel Springs Pit Stock Reservoir	STO	016N	093W	9	NW1/4NW1/4	0.74	Red Draw	41.37914	-107.87662
CR11/094	03/25/1985	--	USDI BLM	No. Barrel Springs Pit Stock Reservoir	STO	016N	093W	9	NW1/4NW1/4	0.74	Red Draw	41.37914	-107.87661
P12702R	10/31/2005	Complete	DOUBLE EAGLE PETROLEUM CO.	LSRCD SECTION 13 RESERVOIR		016N	093W	13	NE1/4NW1/4	--	Blue Eagle Creek	41.36433	-107.81411
P10521S	12/19/1988	--	--	Lower Windmill	STO	016N	093W	17	NE1/4SW1/4	0.15	Folly Draw	41.35608	-107.88934
P6914S	01/25/1971	Fully Adjudicated	USDI BLM	Mexican Flats No. 2 Stock Reservoir	STO	016N	093W	17	NW1/4NE1/4	1.3	Herder Draw	41.36370	-107.88624
CR06/160	01/25/1971	--	USDI BLM	Mexican Flats No. 2 Stock Reservoir	STO	016N	093W	17	NW1/4NE1/4	1.3	Herder Draw	41.36467	-107.88622
P10523S	12/19/1988	--	--	Mexican Graves Stock Reservoir	STO	016N	093W	19	SE1/4NW1/4	2.78	Herder Draw	41.34661	-107.91025
P6573S	12/10/1969	Fully Adjudicated	USDI BLM	Mexican Flats No. 3 Stock Reservoir	STO	016N	093W	22	NE1/4NE1/4	1.68	Tick Draw	41.35108	-107.84311
CR05/597	12/10/1969	--	USDI BLM	Mexican Flats No. 3 Stock Reservoir	STO	016N	093W	22	NE1/4NE1/4	1.68	Tick Draw	41.34992	-107.84313
P9622S	03/25/1985	Fully Adjudicated	--	Lone Pit Stock Reservoir	STO	016N	093W	25	SE1/4SE1/4	3.23	Barrel Springs Draw	41.32435	-107.80459
CR11/090	03/25/1985	--	USDI BLM	Lone Pit Stock Reservoir	STO	016N	093W	25	SE1/4SE1/4	3.23	Barrel Springs Draw	41.32435	-107.80459
P6572S	12/10/1969	Fully Adjudicated	USDI BLM	Mexican Flats No. 1 Stock Reservoir	STO	016N	093W	29	NE1/4SE1/4	1.30	Beatle Draw	41.32778	-107.88022
CR05/596	12/10/1969	--	USDI BLM	Mexican Flats No. 1 Stock Reservoir	STO	016N	093W	29	NE1/4SE1/4	1.30	Beatle Draw	41.32832	-107.88130
P11316S	09/11/1991	--	--	Mexican Flats Stock Reservoir	STO	016N	093W	33	SW1/4SE1/4	8.81	Mexican Flats Draw	41.30858	-107.86857
P11340S	09/04/1991	--	--	South Border Stock Reservoir	STO	016N	093W	35	NW1/4SW1/4	2.34	South Barrel Springs Draw	41.31361	-107.83818
P9623S	03/25/1985	Fully Adjudicated	--	Barrel Springs Draw Pit Stock Reservoir	STO	016N	094W	12	SE1/4SW1/4	0.74	Barrel Springs Draw	41.36847	-107.92888
CR11/093	03/25/1985	--	USDI BLM	Barrel Springs Draw Pit Stock Reservoir	STO	016N	094W	12	SE1/4SW1/4	0.74	Barrel Springs Draw	41.36847	-107.92888
P11360S	09/09/1991	--	--	Windmill Draw Stock Reservoir	STO	016N	094W	25	NE1/4NW1/4	2.34	Herder Draw	41.33577	-107.92889
P10564S	12/29/1988	--	--	Pit 1694 #1 Stock Reservoir	STO	016N	094W	27	NE1/4SE1/4	0.86	Wild Rube Draw	41.32719	-107.95589
P11062S	08/09/1990	--	--	Crosby Stock Reservoir	STO	016N	095W	27	NW1/4NE1/4	2.14	Willow Draw	41.33780	-108.07838
P4904S	12/16/1963	Fully Adjudicated	P.S.(SID) WEBER	West Fork No. 3 Stock Reservoir	STO	017N	091W	19	SW1/4SE1/4	1.17	Broken Hitch Wash	41.42814	-107.68782
CR05/034	12/16/1963	--	P.S. (SID) WEBER	West Fork No. 3 Stock Reservoir	STO	017N	091W	19	SW1/4SE1/4	1.17	Broken Hitch Wash	41.42816	-107.68782
P17152S	07/08/1994	Unadjudicated	--	Washakie Stock Reservoir	STO	017N	092W	5	SW1/4NE1/4	--	Washakie Draw	41.47925	-107.78397
P10710S	05/17/1989	--	--	Quit Claim Stock Reservoir	STO	017N	092W	8	SE1/4NW1/4	3.19	Quit Draw	41.46393	-107.79108

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P12672S	11/08/1995	--	--	Pine Butte (5309) Stock Reservoir	STO	017N	092W	10	NE1/4SW1/4	3.29	Antelope Creek	41.45967	-107.74959
P25633D	01/21/1977	Unadjudicated	Steve F. Adams	Adams Portable Pump Irrigation System No. 1	IRR	017N	092W	14	NE1/4NW1/4	0.48	Muddy Creek	41.45439	-107.73296
P25634D	01/21/1977	Fully Adjudicated	Steve F. Adams	Adams Portable Pump Irrigation System #2	IRR	017N	092W	15	SE1/4NE1/4	0.21	Muddy Creek	41.44946	-107.74029
P25635D	01/21/1977	Fully Adjudicated	Steve F. Adams	Adams Portable Pump Irrigation System No. 3	IRR	017N	092W	15	NW1/4SE1/4	0.43	Muddy Creek	41.44648	-107.74680
P25636D	01/21/1977	Fully Adjudicated	Steve F. Adams	Adams Portable Pump Irrigation System # 4	IRR	017N	092W	15	SE1/4SW1/4	0.44	Muddy Creek	41.44310	-107.75151
CC73/279	01/21/1977	--	HERBERT H. KOHL	Adams Portable Pump Irrigation System #2	IRR	017N	092W	15	SE1/4NE1/4	0.21	Muddy Creek	41.44969	-107.74149
CC73/280	01/21/1977	--	HERBERT H. KOHL	Adams Portable Pump Irrigation System No. 3	IRR	017N	092W	15	NW1/4SE1/4	0.44	Muddy Creek	41.44610	-107.74627
CC73/281	01/21/1977	--	HERBERT H. KOHL	Adams Portable Pump Irrigation System # 4	IRR	017N	092W	15	SE1/4SW1/4	0.45	Muddy Creek	41.44250	-107.75107
P11159S	11/01/1990	Fully Adjudicated	Weber Ranch Inc.	Tree Stock Reservoir	STO	017N	092W	19	SW1/4NW1/4	4.40	Little Coal Gulch	41.43399	-107.80557
CR13/215	11/01/1990		WEBER RANCH COMPANY	Tree Stock Reservoir	STO	017N	092W	19	SW1/4NW1/4	4.40	Little Coal Gulch	41.43630	-107.81233
P11011S	07/12/1990	Unadjudicated	--	South Baldy Butte Stock Reservoir	STO	017N	092W	20	SW1/4SE1/4	2.43	Baldy Draw	--	--
P11012S	07/12/1990	Unadjudicated	--	West Doty #5 Stock Reservoir	STO	017N	092W	20	SW1/4SE1/4	1.43	Doty No. 2 Draw	41.42764	-107.78577
P11158S	11/01/1990	Fully Adjudicated	--	Salisbury Stock Reservoir	STO	017N	092W	25	SW1/4NE1/4	3.32	Phillip Draw	41.42211	-107.70676
CR13/214	11/01/1990	--	SAM SCOTT, ET AL.	Salisbury Stock Reservoir	STO	017N	092W	25	SW1/4NE1/4	3.32	Phillip Draw	41.42129	-107.70707
P794S	04/01/1954	Unadjudicated	--	Cedar Draw Pit Stock Reservoir	STO	017N	092W	33	SW1/4SW1/4	6.08	Cedar Draw	41.40010	-107.77363
P11061S	08/09/1990	--	--	Electric Well Stock Reservoir	STO	017N	092W	34	NE1/4NE1/4	1.64	Upper Electric Well Draw	41.41045	-107.74063
P10560S	12/29/1988	--	--	West Doty No. 4 Stock Reservoir	STO	017N	093W	10	SW1/4SE1/4	16.10	Swigger Draw	41.45805	-107.86034
P10525S	12/19/1988	--	--	Big Flat Stock Reservoir	STO	017N	093W	12	SE1/4SE1/4	0.39	Cloverleaf Ridge Draw	41.45688	-107.81632
P1051S	01/11/1955	--	EUREKA SHEEP CO.	Eureka #7 Stock Reservoir	STO	017N	093W	17	SW1/4NW1/4	2.74	North Barrel Springs	41.45115	-107.90802
P10522S	12/19/1988	--	--	LaClede No. 2 Stock Reservoir	STO	017N	093W	26	SE1/4SW1/4	1.18	Barrell Springs Draw	41.41293	-107.84667
P11013S	07/12/1990	Unadjudicated	--	West Doty #2 Stock Reservoir	STO	017N	093W	36	NE1/4NE1/4	17.7	Big Doty Draw	41.41085	-107.81757
P10338S	10/08/1987	--	--	Adam's Pit No. 1 Stock Reservoir	STO	017N	094W	6	SE1/4NW1/4	3.12	North Barrel Springs Draw	41.48017	-108.03766

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P12670S	11/08/1995	--	--	Overland #1 (0272) Stock Reservoir	STO	017N	094W	14	SW1/4SW1/4	1.38	North Barrel Springs Draw	41.44319	-107.96360
P7716S	06/26/1974	Fully Adjudicated	USDI BLM	Barrel (Index #4370) Stock Reservoir	STO	017N	095W	2	NW1/4NE1/4	4.43	North Barrel Springs Draw	41.48373	-108.07124
CR08/525	06/26/1974	--	USDI BLM	Barrel (Index #4370) Stock Reservoir	STO	017N	095W	2	NW1/4NE1/4	4.43	North Barrel Springs Draw	41.48373	-108.07124
P10350S	12/07/1987	--	--	Pit 1795 A Stock Reservoir	STO	017N	095W	14	SE1/4NW1/4	0.3	Little Rose Draw	41.45276	-108.07469
P7776S	06/26/1974	Fully Adjudicated	USDI BLM	Boy (Index #4367) Stock Reservoir	STO	017N	095W	16	NE1/4NW1/4	5.51	Wild Rose Draw	41.45483	-108.11455
CR08/529	06/26/1974		USDI BLM	Boy (Index #4367) Stock Reservoir	STO	017N	095W	16	NE1/4NW1/4	5.51	Wild Rose Draw	41.45483	-108.11455
P10869S	01/24/1990	Unadjudicated	--	1795 B Stock Reservoir	STO	017N	095W	22	NE1/4SE1/4	0.87	Trail Wash	41.43349	-108.08533
P7775S	06/26/1974	Fully Adjudicated	USDI BLM	Little Draw (Index #4368) Stock Reservoir	STO	017N	095W	36	SW1/4NW1/4	2.84	Mulligan Draw	41.40792	-108.06192
CR08/528	06/26/1974	--	USDI BLM	Little Draw (Index #4368) Stock Reservoir	STO	017N	095W	36	SW1/4NW1/4	2.84	Mulligan Draw	41.40791	-108.06192
P9774S	09/27/1985	Fully Adjudicated	--	Badwater #6 Stock Reservoir	STO	018N	091W	6	NE1/4NE1/4	19.76	Bad Water Creek	41.56942	-107.68348
CR11/067	09/27/1985	--	USDI BLM	Badwater #6 Stock Reservoir	STO	018N	091W	6		19.76	Bad Water Creek	41.56478	-107.69011
P10131S	03/02/1981	Unadjudicated	Niels Hansen	P. H. Fourteen Stock Reservoir	STO	018N	091W	11	NE1/4NE1/4	2.69	PH Fourteen Draw	41.55572	-107.60602
P9755S	09/12/1985	Fully Adjudicated	--	Badwater #7 Stock Reservoir	STO	018N	091W	18	NE1/4SE1/4	2.28	Holler Draw	41.53383	-107.68421
CR11/087	09/12/1985	--	USDI BLM	Badwater #7 Stock Reservoir	STO	018N	091W	18	NE1/4SE1/4	2.28	Holler Draw	41.53413	-107.68286
P11355S	09/09/1991	--	--	Badwater #8 Stock Reservoir	STO	018N	091W	20	SE1/4SW1/4	1.37	South Divide Wash	41.51607	-107.67305
P10132S	03/02/1981	Unadjudicated	Niels Hansen	Chicken Springs Stock Reservoir	STO	018N	091W	21	SW1/4SE1/4	0.59	Chicken Spring Wash	41.51672	-107.65048
P11070S	09/06/1990	--	--	Badwater #10 Stock Reservoir	STO	018N	091W	22	SW1/4SW1/4	0.48	Chicken Spring Wash	41.51486	-107.64086
P11069S	09/06/1990	--	--	Badwater #11 Stock Reservoir	STO	018N	091W	28	SE1/4NW1/4	0.71	Lower Chicken Springs Wash	41.50769	-107.65188
P11074S	09/06/1990	--	--	Badwater #13 Stock Reservoir	STO	018N	091W	30	SE1/4SE1/4	1.93	Upper Badwater Draw	41.50155	-107.68264
P11356S	09/09/1991	--	--	Badwater #14 Stock Reservoir	STO	018N	091W	30	SE1/4NE1/4	0.07	Upper Badwater Draw	41.50882	-107.68266
P10713S	05/17/1989	--	--	Sugar Loaf Stock Reservoir	STO	018N	092W	4	NW1/4SW1/4	0.67	SUGAR WASH	41.56299	-107.77381
P6712S	04/27/1970	Fully Adjudicated	USDI BLM	Continental Stock Reservoir	STO	018N	092W	12	NE1/4NE1/4	2.21	Fan Draw	41.55653	-107.70093
CR06/131	04/27/1970	--	USDI BLM	Continental Stock Reservoir	STO	018N	092W	12	NE1/4NE1/4	2.21	Fan Draw	41.55573	-107.70200

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P8949S	10/16/1981	Fully Adjudicated	--	13-18-92 No. 1 Stock Reservoir	STO	018N	092W	13	SW1/4NW1/4	0.78	West Fork Holler Draw	41.53710	-107.71801
CR09/297	10/16/1981	--	DOM ECHEVERRIA TRUST	13-18-92 No. 1 Stock Reservoir	STO	018N	092W	13	SW1/4NW1/4	0.78	West Fork Holler Draw	41.53763	-107.71626
P8947S	10/16/1981	Fully Adjudicated	--	15-18-92 No. 2 Stock Reservoir	STO	018N	092W	15	SW1/4NW1/4	1.32	Echeverria Draw	41.53634	-107.75448
P8948S	10/16/1981	Fully Adjudicated	--	15-18-92 No. 1 Stock Reservoir	STO	018N	092W	15	SE1/4SE1/4	2.80	South Fork Coal Gulch	41.53108	-107.73866
CR09/294	10/16/1981	--	DOM ECHEVERRIA TRUST	15-18-92 No. 1 Stock Reservoir	STO	018N	092W	15	SE1/4SE1/4	2.80	South Fork Coal Gulch	41.53034	-107.74012
CR09/295	10/16/1981	--	DOM ECHEVERRIA TRUST	15-18-92 No. 2 Stock Reservoir	STO	018N	092W	15	SW1/4NW1/4	1.32	Echeverria Draw	41.53753	-107.75458
P10780S	05/17/1989	--	--	South Echo #4 Stock Reservoir	STO	018N	092W	18	NE1/4NE1/4	0.30	North Divide Draw	41.54201	-107.79875
P8945S	10/16/1981	Fully Adjudicated	--	21-18-92 No. 1 Stock Reservoir	STO	018N	092W	21	SW1/4NW1/4	0.22	South Fork Coal Gulch	41.52158	-107.77484
CR09/293	10/16/1981	--	DOM ECHEVERRIA TRUST	21-18-92 No. 1 Stock Reservoir	STO	018N	092W	21	SW1/4NW1/4	0.22	South Fork Coal Gulch	41.52294	-107.77371
P10711S	05/17/1989	--	--	Upper Coal Gulch Stock Reservoir	STO	018N	092W	22	NW1/4NW1/4	1.52	South Fork Coal Gulch	41.52691	-107.75489
P9758S	09/12/1985	Fully Adjudicated	--	Double Cove Stock Reservoir	STO	018N	092W	26	SW1/4NE1/4	3.02	Double Cove	41.50869	-107.72623
CR11/086	09/12/1985	--	USDI BLM	Double Cove Stock Reservoir	STO	018N	092W	26	SW1/4NE1/4	3.02	Double Cove	41.50865	-107.72583
P10559S	12/29/1988	--	--	South Echo No. 2 Stock Reservoir	STO	018N	092W	28	SW1/4SE1/4	3.48	Echo Draw	41.50111	-107.76265
P8944S	10/16/1981	Fully Adjudicated	--	29-18-92 No. 1 Stock Reservoir	STO	018N	092W	29	SE1/4SW1/4	0.37	Sage Chicken Draw	41.50228	-107.78877
CR09/292	10/16/1981	--	DOM ECHEVERRIA TRUST	29-18-92 No. 1 Stock Reservoir	STO	018N	092W	29	SE1/4SW1/4	0.37	Sage Chicken Draw	41.50110	-107.78811
P11109S	08/23/1990	--	--	South Echo #1 Stock Reservoir	STO	018N	092W	30	SE1/4SE1/4	2.45	Upper Echo Draw	41.49957	-107.79690
P9782S	09/27/1985	Fully Adjudicated	--	Upper Soap Hole Stock Reservoir	STO	018N	092W	34	SE1/4NE1/4	7.21	Soap Hole Wash	41.49357	-107.74245
CR11/085	09/27/1985	--	USDI BLM	Upper Soap Hole Stock Reservoir	STO	018N	092W	34	SE1/4NE1/4	7.21	Soap Hole Wash	41.49415	-107.74022
P10779S	05/17/1989	--	--	Lower Coal Bank Stock Reservoir	STO	018N	093W	10	SE1/4SW1/4	2.45	Lower Coal Bank Wash	41.54394	-107.86459
P8951S	10/16/1981	Fully Adjudicated	--	11-18-93 No. 1 Stock Reservoir	STO	018N	093W	11	SW1/4NE1/4	0.96	Coal Bank Wash	41.55218	-107.84051
CR09/274	10/16/1981	--	DOM ECHEVERRIA TRUST	11-18-93 No. 1 Stock Reservoir	STO	018N	093W	11	SW1/4NE1/4	0.96	Coal Bank Wash	41.55240	-107.84064

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P5245R	02/10/1940	Fully Adjudicated	US DEPARTMENT OF INTERIOR, DIV. OF GRAZING	Government No. 1 Reservoir	STO	018N	093W	17	SE1/4NE1/4	98.57	Government Draw No. 1	41.53710	-107.89336
CR12/366	02/10/1940	--	USDI BLM	Government No. 1 Reservoir	STO	018N	093W	17	SE1/4NE1/4	98.57	Government Draw No. 1	41.53819	-107.89393
P8515S	09/12/1978	Fully Adjudicated	Union Pacific Railroad	Elwood Stock Reservoir	STO	018N	093W	21	NE1/4NE1/4	2.60	Government Draw No. 1	41.52695	-107.87442
CR08/612	09/12/1978	--	STEVE F. ADAMS	Elwood Stock Reservoir	STO	018N	093W	21	NE1/4NE1/4	2.60	Government Draw No. 1	41.52693	-107.87442
P8950S	10/16/1981	Fully Adjudicated	--	25-18-93 No. 1 Stock Reservoir	STO	018N	093W	25	SW1/4SE1/4	0.53	Sheephead Draw	41.50163	-107.82179
CR09/296	10/16/1981	--	DOM ECHEVERRIA TRUST	25-18-93 No. 1 Stock Reservoir	STO	018N	093W	25	SW1/4SE1/4	0.53	Sheephead Draw	41.50163	-107.82179
P10699S	03/31/1989	--	--	Coal Gulch No. 2 Stock Reservoir	STO	018N	093W	26	SW1/4SW1/4	0.94	Barrell Springs Draw	41.50194	-107.85126
P7760S	06/26/1974	Fully Adjudicated	USDI BLM	Twelvemile (Index #4318) Stock Reservoir	STO	018N	093W	30	NW1/4NE1/4	3.56	Coal Bank Lake Draw	41.51322	-107.91910
CR08/480	06/26/1974	--	USDI BLM	Twelvemile (Index #4318) Stock Reservoir	STO	018N	093W	30	NW1/4NE1/4	3.56	Coal Bank Lake Draw	41.51284	-107.91780
P7741S	06/26/1974	Fully Adjudicated	USDI BLM	Red Lake (Index #4342) Stock Reservoir	STO	018N	094W	8	NE1/4NE1/4	3.22	Corral Draw	41.55662	-108.00937
CR08/080	06/26/1974	--	USDI BLM	Red Lake (Index #4342) Stock Reservoir	STO	018N	094W	8	NE1/4NE1/4	3.22	Corral Draw	41.55627	-108.00954
P10333S	10/05/1987	--	--	Adam's Pit No. 2 Stock Reservoir	STO	018N	094W	20	NW1/4SW1/4	2.25	RED MIRAGE DRAW	41.51993	-108.02380
P7777S	06/26/1974	Fully Adjudicated	USDI BLM	Stratton NW (Index #4365) Stock Reservoir	STO	018N	095W	6	SW1/4NW1/4	3.47	Upper Rim Draw	41.57030	-108.15317
CR08/527	06/26/1974	--	USDI BLM	Stratton NW (Index #4365) Stock Reservoir	STO	018N	095W	6	SW1/4NW1/4	3.47	Upper Rim Draw	41.56666	-108.15833
P7745S	06/26/1974	Fully Adjudicated	USDI BLM	Two Draw (Index #4366) Stock Reservoir	STO	018N	095W	8	SW1/4SE1/4	19.45	Upper Rim Draw	41.54501	-108.12970
CR08/526	06/26/1974	--	USDI BLM	Two Draw (Index #4366) Stock Reservoir	STO	018N	095W	8	SW1/4SE1/4	19.45	Upper Rim Draw	41.54501	-108.12970
P7750S	06/26/1974	Fully Adjudicated	USDI BLM	Delaney Rim (Index #4369) Stock Reservoir	STO	018N	095W	26	SW1/4NW1/4	2.39	East Wash	41.50907	-108.08131
CR08/530	06/26/1974	--	USDI BLM	Delaney Rim (Index #4369) Stock Reservoir	STO	018N	095W	26	SW1/4NW1/4	2.39	East Wash	41.50907	-108.08131
P3834S	11/27/1961	Unadjudicated	P H Livestock Co.	Hansen Stock Reservoir	STO	018N	096W	9	SW1/4SW1/4	1.78	Bitter Creek (drainage of)	41.54399	-108.23700
P7780S	06/26/1974	Fully Adjudicated	USDI BLM	Rabbit Brush (Index #4349) Stock Reservoir	STO	018N	096W	10	NE1/4SE1/4	2.98	Rabbit Brush Draw	41.54887	-108.20161
CR08/532	06/26/1974	--	USDI BLM	Rabbit Brush (Index #4349) Stock Reservoir	STO	018N	096W	10	NE1/4SE1/4	2.98	Rabbit Brush Draw	41.54886	-108.20161

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P4387S	08/22/1961	Incomplete	--	DALEY DAM STOCK RESERVOIR	STO	018N	096W	18	SE1/4NW1/4	8.70	Bitter Creek (drainage of)	41.53789	-108.27154
P12969S	10/17/1997	Fully Adjudicated	PH Livestock Co.	Barrel Springs Stock Reservoir	STO	018N	096W	25	SW1/4NE1/4	4.03	Hansen Draw	41.50709	-108.17030
CR15/218	10/17/1997	--	PH Livestock Company	Barrel Springs Stock Reservoir	STO	018N	096W	25	SW1/4NE1/4	4.03	Hansen Draw	41.50887	-108.16785
P7740S	06/26/1974	Fully Adjudicated	USDI BLM	Rocky Point (Index #4348) Stock Reservoir	STO	018N	096W	30	SW1/4SE1/4	2.98	Laney Wash	41.50187	-108.26387
CR08/075	06/26/1974	--	USDI BLM	Rocky Point (Index #4348) Stock Reservoir	STO	018N	096W	30	SW1/4SE1/4	2.98	Laney Wash	41.50187	-108.26387
P12968S	10/17/1997	Fully Adjudicated	PH Livestock Co.	PH Man & Boy Stock Reservoir	STO	018N	096W	35	SE1/4NE1/4	4.03	Ph Draw	41.49265	-108.18946
P7779S	06/26/1974	Fully Adjudicated	USDI BLM	Man and The Boy (Index #4350) Stock Reservoir	STO	018N	096W	36	NW1/4NE1/4	2.95	Man and the Boy Draw	41.49809	-108.16776
CR08/531	06/26/1974	--	USDI BLM	Man and The Boy (Index #4350) Stock Reservoir	STO	018N	096W	36	NW1/4NE1/4	2.95	Man and the Boy Draw	41.49808	-108.16776
UW03/071	01/22/1974	Fully Adjudicated	THE TEXAS COMPANY	TABLE ROCK UNIT WATER WELL NO. 5	MIS	018N	098W	1	NW1/4NE1/4	13.0	--	41.57122	-108.39575
P10675S	03/31/1989	--	--	Horse Butte Stock Reservoir	STO	019N	091W	6	SE1/4NE1/4	0.95	No Job Draaw	41.65134	-107.68346
P10136S	03/02/1981	Unadjudicated	Niels Hansen	PH Twelve Stock Reservoir	STO	019N	091W	25	SW1/4SE1/4	0.45	PH Twelve Draw	41.58686	-107.59370
P11346S	09/09/1991	--	--	Fillmore Bend Stock Reservoir	STO	019N	091W	26	SE1/4NW1/4	2.57	Fillmore Creek	41.59436	-107.61618
P11312S	09/11/1991	--	--	Badwater #3 Stock Reservoir	STO	019N	091W	30	SW1/4SW1/4	2.29	North Divide Draw	41.59533	-107.68361
P11347S	09/09/1991	Unadjudicated	--	Badwater #5 Stock Reservoir	STO	019N	091W	32	NW1/4SW1/4	1.09	Bad Water Creek	41.57774	-107.67880
P10137S	03/02/1981	Unadjudicated	Niels Hansen	Fillmore Creek Stock Reservoir	STO	019N	091W	35	SW1/4SE1/4	1.38	Fillmore Creek	41.57811	-107.61407
P11348S	09/09/1991	--	--	Lazy YS Stock Reservoir	STO	019N	092W	4	NW1/4NW1/4	0.37	County Line Draw	41.65298	-107.76052
P12162S	08/25/1994	Fully Adjudicated	Duane & Deborah Rodewald	Section 11 Stock Reservoir	STO	019N	092W	11	NW1/4NE1/4	0.08	Separation Lake	41.64228	-107.72668
CR14/215	08/25/1994	--	THOMAS F DAVENPORT, JR.	Section 25 East Stock Reservoir	STO	019N	092W	11	NW1/4NE1/4	0.08	Rodewald Draw	41.64228	-107.72668
P7467R	06/21/1972	Unadjudicated	--	Seaverson Reservoir	FIS; REC; STO; COMBU	019N	092W	24	NW1/4NE1/4	335.8	FILLMORE/FILMORE CREEK	41.61347	-107.70679
P12163S	08/25/1994	Fully Adjudicated	Duane & Deborah Rodewald	Section 25 East Stock Reservoir	STO	019N	092W	25	SE1/4NE1/4	0.08	Rodewald Draw	41.59537	-107.70237
P12164S	08/25/1994	Fully Adjudicated	Duane & Deborah Rodewald	Section 25 West Stock Reservoir	STO	019N	092W	25	SE1/4NE1/4	0.08	Rodewald Draw	41.59537	-107.70237
CR14/216	08/25/1994	--	THOMAS F DAVENPORT, JR.	Section 25 West Stock Reservoir	STO	019N	092W	25	SE1/4NE1/4	0.08	Rodewald Draw	41.59538	-107.70237

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P12165S	08/25/1994	Fully Adjudicated	Duane & Deborah Rodewald	Section 35 East Stock Reservoir	STO	019N	092W	35	NE1/4SE1/4	0.08	Separation Lake	41.57739	-107.72114
P12166S	08/25/1994	Fully Adjudicated	Duane & Deborah Rodewald	Section 35 West Stock Reservoir	STO	019N	092W	35	SW1/4NE1/4	0.08	Separation Lake	41.58081	-107.72611
CR14/217	08/25/1994	--	THOMAS F DAVENPORT, JR.	Section 35 East Stock Reservoir	STO	019N	092W	35	NE1/4SE1/4	0.08	Separation Lake	41.57738	-107.72114
CR14/218	08/25/1994	--	THOMAS F DAVENPORT, JR.	Section 35 West Stock Reservoir	STO	019N	092W	35	SW1/4NE1/4	0.08	Separation Lake	41.58082	-107.72611
P6715S	04/27/1970	Fully Adjudicated	USDI BLM	Northwest Echo Stock Reservoir	STO	019N	093W	6	NW1/4NE1/4	3.18	Dry Lake Bed	41.65745	-107.91932
CR06/134	04/27/1970	--	USDI BLM	Northwest Echo Stock Reservoir	STO	019N	093W	6	NW1/4NE1/4	3.18	Dry Lake Bed	41.65752	-107.91854
P6713S	04/27/1970	Fully Adjudicated	USDI BLM	East Echo Stock Reservoir	STO	019N	093W	14	SE1/4SE1/4	2.84	Echo Springs Draw	41.61691	-107.83794
CR06/132	04/27/1970	--	USDI BLM	East Echo Stock Reservoir	STO	019N	093W	14	SE1/4SE1/4	2.84	Echo Springs Draw	41.61735	-107.83693
P11127R	04/12/2001	Unadjudicated	Samson Resources Co.	Crystal Solutions FTE Reservoir	IND; IRR; STO; COMBBU	019N	093W	19	SW1/4SE1/4	--	Adams Draw	--	--
P12785R	11/24/2006	Complete	SAMSON RESOURCES	HOLDING POND 5-6 RESERVOIR	IND	019N	093W	19	NW1/4SE1/4	--	Adams Draw	41.60682	-107.91819
P6714S	04/27/1970	Fully Adjudicated	USDI BLM	West Echo Stock Reservoir	STO	019N	093W	20	SE1/4SE1/4	2.97	Echo Springs Draw	41.60465	-107.89482
CR06/133	04/27/1970	--	USDI BLM	West Echo Stock Reservoir	STO	019N	093W	20	SE1/4SE1/4	2.97	Echo Springs Draw	41.60307	-107.89423
P10877S	01/24/1990	--	--	Horse Pasture Draw Stock Reservoir	STO	019N	093W	26	NE1/4SW1/4	2.51	Horse Pasture Draw	41.59249	-107.84583
P8521S	09/25/1978	Fully Adjudicated	Stephen L. Adams	Adams #1B Stock Reservoir	STO	019N	093W	31	SE1/4NW1/4	2.71	Standard Draw	41.58245	-107.92498
CR10/214	09/25/1978	--	STEVE F. ADAMS	Adams #1B Stock Reservoir	STO	019N	093W	31	SE1/4NW1/4	2.71	Standard Draw	41.58158	-107.92288
P11367S	09/09/1991	--	--	West 44 - Echo Stock Reservoir	STO	019N	093W	36	NE1/4NE1/4	0.36	Standard Draw	41.58412	-107.81514
P8046S	10/16/1975	Fully Adjudicated	--	Wamsutter Stock Reservoir	STO	019N	094W	3	NE1/4SW1/4	2.34	LATHAM DRAW	41.65015	-107.98043
CR08/435	10/16/1975	--	UNION PACIFIC LAND RESOURCES CORP	Wamsutter Stock Reservoir	STO	019N	094W	3	NE1/4SW1/4	2.34	LATHAM DRAW	41.65015	-107.98043
P8045S	10/16/1975	Fully Adjudicated	--	Frewen Stock Reservoir	STO	019N	094W	5	NW1/4SW1/4	2.66	FREWEN DRAW	41.64986	-108.02224
CR08/478	10/16/1975	--	UNION PACIFIC LAND RESOURCES CORP	Frewen Stock Reservoir	STO	019N	094W	5	NW1/4SW1/4	2.66	FREWEN DRAW	41.64991	-108.02355
P8523S	09/25/1978	Fully Adjudicated	Steve F. Adams	Adams #1D Stock Reservoir	STO	019N	094W	9	NE1/4SW1/4	2.66	Cecil Draw	41.63560	-107.99967
CR10/215	09/25/1978	--	STEVE F. ADAMS	Adams #1D Stock Reservoir	STO	019N	094W	9	NE1/4SW1/4	2.66	Cecil Draw	41.63560	-107.99967

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P8522S	09/25/1978	Fully Adjudicated	Steve F. Adams	Adams #1C Stock Reservoir	STO	019N	094W	11	NW1/4SE1/4	2.66	Esther Draw	41.63597	-107.95643
CR10/213	09/25/1978	--	STEVE F. ADAMS	Adams #1C Stock Reservoir	STO	019N	094W	11	NW1/4SE1/4	2.66	Esther Draw	41.63597	-107.95643
P10527R	05/05/1997	Unadjudicated	--	Wamsutter Saltwater Disposal No. 2 Reservoir	IND; TEM; COMBBU	019N	094W	13	NW1/4NW1/4	420	Dry Lake Bed	41.62880	-107.94683
P8524S	09/25/1978	Fully Adjudicated	Steve F. Adams	Adams #1E Stock Reservoir	STO	019N	094W	19	NW1/4NE1/4	2.66	Jody Draw	41.61383	-108.03317
CR10/216	09/25/1978	--	STEVE F. ADAMS	Adams #1E Stock Reservoir	STO	019N	094W	19	NW1/4NE1/4	2.66	Jody Draw	41.61383	-108.03317
P11370S	09/09/1991	Fully Adjudicated	--	South Wamsutter Stock Reservoir	STO	019N	094W	22	NE1/4SW1/4	2.49	South Wamsutter Rim Draw	41.60680	-107.98045
CR13/191	09/09/1991	--	USDI BLM	South Wamsutter Stock Reservoir	STO	019N	094W	22	NE1/4SW1/4	2.49	South Wamsutter Rim Draw	41.60680	-107.98045
P11368S	09/09/1991	Fully Adjudicated	--	Dry Lake Stock Reservoir	STO	019N	094W	26	SE1/4SE1/4	1.79	Spring Pit Draw	41.58872	-107.95161
CR13/190	09/09/1991	--	USDI BLM	Dry Lake Stock Reservoir	STO	019N	094W	26	SE1/4SE1/4	1.79	Spring Pit Draw	41.58881	-107.95158
P9111D	06/07/1909	--	Rasmusson Sheep Co.	Rasmussen Ditch No. 1	IRR; STO	019N	095W	4	SW1/4SW1/4	1.31	Un-named Creek	41.64619	-108.11972
UW03/473	07/10/1972	Fully Adjudicated	MOYER'S SERVICE	MOYER NO. 1 WELL	MIS	019N	095W	4	SW1/4NW1/4	10.00		41.65341	-108.11977
P15320D	12/29/1918	Unadjudicated	Rasmusson Sheep Co.	Supply Ditch	IRR; STO	019N	095W	5	SE1/4SE1/4		Red Wash Draw	41.64573	-108.12238
P9112D	06/07/1909	--	Rasmusson Sheep Co.	Rasmussen Ditch No. 2	IRR; STO	019N	095W	5	SW1/4NE1/4	6.71	Un-named Creek	41.65335	-108.12939
P9113D	06/07/1909	--	Rasmusson Sheep Co.	Rasmussen Ditch No. 3	IRR; STO	019N	095W	5	SW1/4NE1/4	12.99	NAMING ERRORS	41.65335	-108.12939
P8044S	10/16/1975	Fully Adjudicated	Steve F. Adams	Wamsutter Rim Stock Reservoir	STO	019N	095W	11	NW1/4SE1/4	2.66	WAMSUTTER RIM L	41.63550	-108.07181
CR08/434	10/16/1975	--	STEVE F. ADAMS	Wamsutter Rim Stock Reservoir	STO	019N	095W	11	NW1/4SE1/4	2.66	WAMSUTTER RIM L	41.63550	-108.07181
P8043S	10/16/1975	Fully Adjudicated	Steve F. Adams	Red Lake Stock Reservoir	STO	019N	095W	15	NE1/4SE1/4	2.66	Red Draw	41.62102	-108.08585
CR08/433	10/16/1975	--	STEVE F. ADAMS	Red Lake Stock Reservoir	STO	019N	095W	15	NE1/4SE1/4	2.66	Red Draw	41.62102	-108.08585
P7763S	06/26/1974	Fully Adjudicated	USDI BLM	East Red Draw (Index #4345) Stock Reservoir	STO	019N	095W	18	NE1/4NW1/4	3.22	MIDDLE RED DRAW	41.62796	-108.15330
P9795S	10/28/1985	Fully Adjudicated	--	Lower Red Draw Stock Reservoir	STO	019N	095W	18	NW1/4NE1/4	5.87	Middle Red Draw	41.62798	-108.14850
CR11/457	10/28/1985	--	USDI BLM	Lower Red Draw Stock Reservoir	STO	019N	095W	18	NW1/4NE1/4	5.87	Middle Red Draw	41.62798	-108.14850
CR08/077	06/26/1974	--	USDI BLM	East Red Draw (Index #4345) Stock Reservoir	STO	019N	095W	18	NE1/4NW1/4	3.22	MIDDLE RED DRAW	41.62796	-108.15330
P10878S	01/24/1990	--	--	Powerline Pit Stock Reservoir	STO	019N	095W	20	NW1/4NE1/4	1.38	Powerline Wash	41.61366	-108.12923
P7753S	06/26/1974	Fully Adjudicated	USDI BLM	Northeast Point (Index #4343) Stock Reservoir	STO	019N	095W	20	NW1/4SW1/4	4.26	West Fork Northeast Wash	41.60639	-108.13886
CR08/316	06/26/1974	--	USDI BLM	Northeast Point (Index #4343) Stock Reservoir	STO	019N	095W	20	NW1/4SW1/4	4.26	West Fork Northeast Wash	41.60638	-108.13886

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P9794S	10/28/1985	--	--	Jolley Stock Reservoir	STO	019N	095W	28	SE1/4SE1/4	1.54	Wells Bluff Draw	41.58998	-108.10593
P7754S	06/26/1974	Fully Adjudicated	USDI BLM	Tortilla (Index #4344) Stock Reservoir	STO	019N	095W	30	NW1/4NW1/4	2.03	Tortilla Draw	41.59905	-108.15845
CR08/078	06/26/1974	--	USDI BLM	Tortilla (Index #4344) Stock Reservoir	STO	019N	095W	30	NW1/4NW1/4	2.03	Tortilla Draw	41.59905	-108.15845
P7742S	06/26/1974	Fully Adjudicated	USDI BLM	Red Flat (Index #4341) Stock Reservoir	STO	019N	095W	36	NW1/4SW1/4	2.98	Confusion Draw	41.57764	-108.06190
CR08/081	06/26/1974	--	USDI BLM	Red Flat (Index #4341) Stock Reservoir	STO	019N	095W	36	NW1/4SW1/4	2.98	Confusion Draw	41.57763	-108.06190
UW04/458	11/10/1977	--	PANHANDLE EASTERN PIPE LINE COMPANY	Tipton Compressor No. 1 Well	MIS	019N	096W	7	NW1/4NE1/4	5.00	--	41.64244	-108.26468
UW04/459	04/09/1984	--	PANHANDLE EASTERN PIPE LINE COMPANY	Tipton Compressor No. 1 Well,, Enl.	MIS	019N	096W	7	NW1/4NE1/4	0.00	--	41.64244	-108.26468
P7765S	06/26/1974	Fully Adjudicated	USDI BLM	West Red Draw (Index #4347) Stock Reservoir	STO	019N	096W	22	SE1/4SE1/4	3.62	West Red Draw	41.60272	-108.20197
CR08/079	06/26/1974	--	USDI BLM	West Red Draw (Index #4347) Stock Reservoir	STO	019N	096W	22	SE1/4SE1/4	3.62	West Red Draw	41.60272	-108.20197
P7764S	06/26/1974	Fully Adjudicated	USDI BLM	Middle Red Draw (Index #4346) Stock Reservoir	STO	019N	096W	24	SW1/4NE1/4	3.62	MIDDLE RED DRAW	41.60987	-108.16844
P9763S	09/12/1985	--	--	Lower Middle Red Draw Stock Reservoir	STO	019N	096W	24	SW1/4NE1/4	5.96	Middle Red Draw	41.60987	-108.16844
CR08/317	06/26/1974	--	USDI BLM	Middle Red Draw (Index #4346) Stock Reservoir	STO	019N	096W	24	SW1/4NE1/4	3.62	MIDDLE RED DRAW	41.60987	-108.16844
P11369S	09/09/1991	--	--	Tiny Draw Stock Reservoir	STO	019N	097W	26	NE1/4NE1/4	1.60	Tiny Draw	41.59997	-108.29443
P7778S	06/26/1974	Fully Adjudicated	USDI BLM	Upper Red Draw (Index #4351) Stock Reservoir	STO	019N	097W	36	SW1/4NE1/4	3.62	Red Wash Draw	41.58043	-108.28201
CR08/076	06/26/1974	--	USDI BLM	Upper Red Draw (Index #4351) Stock Reservoir	STO	019N	097W	36	SW1/4NE1/4	3.62	Red Wash Draw	41.58185	-108.27950
UW05/142	04/01/1983	--	COLORADO INTERSTATE GAS COMPANY	Table Rock No. 1 Well,, Enl.	MIS	019N	098W	23	SW1/4NE1/4	0.00	--	41.61104	-108.41504
UW05/143	04/01/1983	--	COLORADO INTERSTATE GAS COMPANY	Table Rock No. 2 Well,, Enl.	MIS	019N	098W	23	NW1/4SE1/4	0.00	--	41.60742	-108.41504
UW05/144	04/01/1983	--	COLORADO INTERSTATE GAS COMPANY	Table Rock No. 3 Well,, Enl.	MIS	019N	098W	23	NE1/4SW1/4	0.00	--	41.60742	-108.41986
UW05/145	04/01/1983	--	COLORADO INTERSTATE GAS COMPANY	Table Rock No. 4 Well,, Enl.	MIS	019N	098W	23	SW1/4NE1/4	0.00	--	41.61104	-108.41504
UW05/146	04/01/1983	--	COLORADO INTERSTATE GAS COMPANY	Table Rock No. 5 Well,, Enl.	MIS	019N	098W	23	SW1/4NE1/4	0.00	--	41.61104	-108.41504

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P5143R	09/28/1939	Unadjudicated	USDI, DIVISION OF GRAZING	Willow Draw Reservoir	STO	020N	091W	6	SE1/4SE1/4	12.48	Willow Draw	41.73203	-107.68520
P5172R	09/28/1939	Unadjudicated	USDI - Grazing Service	Latham Reservoir	STO	020N	092W	14	SE1/4SE1/4	5.51	Latham Draw	41.70356	-107.72257
UW03/433	06/30/1977	--	UNION PACIFIC RAILROAD COMPANY	CRESTON #1	MIS	020N	092W	15	SW1/4SW1/4	10.00	--	41.70365	-107.75622
UW03/434	08/30/1977	--	UNION PACIFIC RAILROAD COMPANY	ENL CRESTON #1	MIS	020N	092W	15	SW1/4SW1/4	10.00	--	41.70365	-107.75622
P10712S	05/17/1989	--	--	Backbone Stock Reservoir	STO	020N	092W	20	NE1/4NE1/4	1.70	LATHAM DRAW	41.70110	-107.77868
P10286S	10/05/1987	--	--	44 Ranch Stock Reservoir	STO	020N	092W	22	NE1/4NE1/4	3.68	Ollie's Draw	41.70000	-107.74170
P10282S	10/05/1987	--	--	44 Ranch Pit No. 2 NP Stock Reservoir	STO	020N	092W	30	SE1/4SW1/4	4.68	Kerry's Cove	41.67474	-107.80888
P8707S	08/20/1980	Fully Adjudicated	P. H. LIVESTOCK CO.	Hansen Stock Reservoir	STO	020N	093W	29	SE1/4SE1/4	1.00	Hansen Draw	41.67625	-107.89336
CR09/495	08/20/1980	--	P. H. LIVESTOCK CO.	Hansen Stock Reservoir	STO	020N	093W	29	SE1/4SE1/4	1.00	Hansen Draw	41.67534	-107.89385
P9203R	04/03/1979	Fully Adjudicated	Town of Wamsutter	Wamsutter Wastewater Treatment Reservoir	IND	020N	094W	26	SE1/4SW1/4	73.45	Latham Draw	--	--
CR11/052	04/03/1979	--	TOWN OF WAMSUTTER	Wamsutter Wastewater Treatment Reservoir	IND	020N	094W	26	SW1/4SW1/4	0.00	Latham Draw	41.67563	-107.96602
UW06/247	02/06/1978	--	DOUG AND DARLENE DOWLIN	J W S 101 Well	MIS	020N	094W	34	NE1/4SE1/4	100.00	--	41.66479	-107.97085
UW09/293	11/30/1981	--	THE ESTATE OF DORIS M. BATH	Norton No. 1 Well	MIS	020N	094W	34	SW1/4SE1/4	150.0	--	41.66117	-107.97565
P3510R	11/29/1918	--	Rasmusson Sheep Co.	Basine Reservoir	IRR; STO; COMBBU	020N	095W	16	NE1/4SW1/4	1,216.85	RED WASH DRAW	41.70777	-108.11503
P2265E	05/16/1910	--	Rasmusson Sheep Co.	Rasmussen Ditch #1 {Enl. of}	IRR	020N	095W	33	SW1/4SW1/4	--	NAMING ERRORS	--	--
P10283S	10/05/1987	--	--	Tipton Road Well Pit.	STO	020N	096W	6	NW1/4NW1/4	2.33	SCARLET SAHARA DRAW	41.73985	-108.26118
P10601S	01/04/1989	--	--	G. L. No. 1 Stock Reservoir	STO	020N	097W	2		1.20	TWIN PEON DRAW	41.74076	-108.30882
P10676S	03/31/1989	--	--	North Creston No. 4 Stock Reservoir	STO	021N	091W	28	SW1/4SW1/4	14.00	South Creston Draw	41.75652	-107.69679
P15043D	03/26/1918	--	SAVAGE LIVESTOCK CO.	Savage Supply Ditch	RES; STO	021N	091W	28	NE1/4SE1/4	0.00	South Creston Draw	41.76138	-107.68269
P3472R	03/26/1918	--	SAVAGE LIVESTOCK CO.	Savage Reservoir	STO	021N	091W	28	SE1/4NE1/4	14.05	South Creston Draw	41.76461	-107.68034
P10876S	01/24/1990	Unadjudicated	--	Latham Stock Reservoir	STO	021N	092W	2	NW1/4NW1/4	1.19	Separation Lake	41.82227	-107.75916
P10530S	12/19/1988	--	--	Field Check Stock Reservoir	STO	021N	092W	21	NW1/4NE1/4	0.50	Farmer Draw	41.78234	-107.80293
P10505S	09/30/1988	Fully Adjudicated	P H Livestock Co.	Niels Stock Reservoir	STO	021N	092W	25	NW1/4NW1/4	4.36	Barren Draw	41.76791	-107.75459
CR12/355	09/30/1988	--	JOHN EDWARD PREECE (SELLER)	Niels Stock Reservoir	STO	021N	092W	25	NW1/4NW1/4	4.36	Barren Draw	41.76791	-107.75459
P10506S	09/30/1988	Unadjudicated	P H Livestock Co.	Creston Stock Reservoir	STO	021N	092W	27	SE1/4NW1/4	5.67	Creston Draw	41.76477	-107.79032

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
CR12/356	09/30/1988	--	JOHN EDWARD PREECE (SELLER)	Creston Stock Reservoir	STO	021N	092W	27	SE1/4NW1/4	5.67	Creston Draw	41.76435	-107.78846
P19495D	12/21/1940	Unadjudicated	K.H. HADSELL	Diversion Ditch	RES	021N	093W	27	NE1/4SE1/4	0.00	Five Mile Draw	41.75965	-107.89386
P5386R	12/21/1940	Unadjudicated	K.H. HADSELL	Hadsell Reservoir	IRR; STO; COMBBU	021N	093W	33	NE1/4NE1/4	363.17	Hadsell Draw	41.75282	-107.91367
P10879S	01/24/1990	--	--	Five Mile Stock Reservoir	STO	021N	095W	35	NW1/4SW1/4	1.07	Five Mile Draw	41.74544	-108.12276
P13667R	05/24/2010	Complete	ROBERT HARDEK	HARDEK	STO; WL	022N	091W	9	SE1/4SE1/4	--	Cameno Draw	41.887431	-107.68193
P5751S	12/12/1966	Fully Adjudicated	LOUIS LARSEN SHEEP CO.	Pronghorn Stock Reservoir	STO	022N	093W	5	NE1/4NW1/4	1.93	East Fork Sourdough Gulch	41.91279	-107.94351
CR04/150	12/12/1966	--	LOUIS LARSEN SHEEP CO.	Pronghorn Stock Reservoir	STO	022N	093W	5	NE1/4NW1/4	1.93	East Fork Sourdough Gulch	41.91273	-107.94351
P5071S	03/29/1965	Unadjudicated	PIONEER LIVESTOCK CO.	Monument Lake Stock Reservoir	STO	022N	093W	31	SE1/4NW1/4	0.95	MONUMENT L DRAW	41.837163	-107.96113
P10528R	05/05/1997	Unadjudicated	--	Wamsutter Saltwater Disposal No. 3 Reservoir	IND; TEM; COMBBU	022N	094W	35	SW1/4NW1/4	7.50	Monument Lake	41.836891	-108.00610
P13446R	05/07/2009	Incomplete	--	ENLARGED WAMSUTTER EVAPORATION POND 2, CELLS 3 AND 4 RESERVOIR	IND	022N	094W	35	SW1/4NW1/4	--	Monument Lake	41.836111	-108.00450
P7739S	06/24/1974	Unadjudicated	Curtis Rochelle	Stranburg Stock Reservoir	STO	022N	095W	33	SW1/4NE1/4	1.54	STRANBURG DRAW	41.837382	-108.15105
P9423R	08/31/1984	Incomplete	KENNECOTT URANIUM CO	REB FINAL IMPOUNDMENT RESERVOIR	WL	023N	094W	3	SW1/4NE1/4	3,128.0	Battle Spring Draw	41.997847	-108.017633
P5174R	09/28/1939	Unadjudicated	USDI - Grazing Service	Sour Dough Reservoir	STO	023N	094W	26	SW1/4SW1/4	24.99	SOUR DOUGH DRAW	41.931665	-108.006138
P25157D	08/11/1976	Unadjudicated	--	Siberia Ridge Unit Well #5 (Water Haul)	DRI; IND; OIL; TEM	023N	096W	25	NW1/4NW1/4	0.39	Lost Creek Draw	41.942215	-108.218117
P547R	07/20/1904	Fully Adjudicated	SWEETWATER CATTLE CO.	Hay Reservoir	IRR; STO; COMBBU	023N	097W	2	NW1/4SW1/4	2,480.0	Red Creek	41.994879	-108.353991
P6146D	07/20/1904	Fully Adjudicated	SWEETWATER CATTLE CO.	Hay Ditch	IRR; STO	023N	097W	2	NW1/4SW1/4	4.63	Red Creek	41.995344	-108.354645
CC26/440	07/20/1904	--	JOHN W. HAY	Hay Reservoir	DOM; IRR; STO	023N	097W	2	NW1/4SW1/4	2,480.0	Red Creek	41.99322	-108.35625
CC26/441	07/20/1904	--	JOHN W. HAY	Hay Ditch	DOM; IRR; STO	023N	097W	2	NW1/4SW1/4	0.00	Red Creek	41.99322	-108.35625
CC46/411	07/20/1904	--	SWEETWATER CATTLE CO.	Hay Ditch	DOM; IRR; STO	023N	097W	2	NW1/4SW1/4	--	Red Creek	41.99322	-108.35625
CR01/012	07/20/1904	--	SWEETWATER CATTLE CO.	Hay Reservoir	DOM; IRR; STO	023N	097W	2	NW1/4SW1/4	--	Red Creek	41.99322	-108.35625
P12791S	03/22/1996	--	--	Sand Dune (6474) Stock Reservoir	STO	023N	097W	13	SE1/4NE1/4	0.35	Red Desert Basin	41.968785	-108.325125

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-4. Surface water rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Facility Name	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Source Name	Lat	Long
P3983R	03/07/1925	--	John Bugas	Eagle Nest Reservoir	DOM; IRR; STO; COMBBU	024N	095W	3	NE1/4NE1/4	1,364.92	Lost Creek	42.086859	-108.12597
P222S	06/13/1946	Complete	BESSIE MCINTOSH	EAGLE DRAW STOCK RESERVOIR	STO	024N	095W	12	SE1/4SE1/4	1.24	Eagle Draw	42.062353	-108.08873
CC38/117	07/09/1912	--	JOHN W. HAY	Bush Creek Ditch	RES	024N	096W	7	NW1/4NW1/4	0.00	--	--	--
CC38/119	08/11/1911	--	JOHN W. HAY	Bush Lake Reservoir	IRR; STO	024N	096W	7	NW1/4NW1/4	1,685.9	Bush Creek	--	--
CC38/114	10/17/1906	--	JOHN W. HAY	Bush Lake Cut Ditch	IRR; STO	024N	096W	18	SE1/4NW1/4	0.00	Bush Creek	42.0542	-108.31049
CC46/410	10/17/1906	--	SWEETWATER CATTLE CO.	Bush Lake Cut Ditch	DOM; IRR; STO	024N	096W	18	SE1/4NW1/4	--	Bush Creek	42.0542	-108.31049
P12784S	03/22/1996	--	--	Lost Creek Rim (6475) Stock Reservoir	STO	024N	096W	24	SW1/4SW1/4	0.48	NORTH LONELY DRAW	42.03262	-108.21785
P11131S	09/06/1990	--	--	Karo Stock Reservoir	STO	024N	096W	35	SE1/4SE1/4	0.70	LOST DRAW	42.003724	-108.22280
P12790S	03/22/1996	--	--	Bush Lake Water (6257) Stock Reservoir	STO	024N	097W	12	NE1/4NE1/4	0.53	DRAINAGE OF BUSH LAKE	42.06917	-108.32490
P11341D	07/09/1912	Fully Adjudicated	SWEETWATER CATTLE COMPANY	Bush Creek Ditch	IRR; RES	024N	097W	12	NW1/4NW1/4	0.00	--	42.073792	-108.33803
P6453D	01/19/1905	Fully Adjudicated	John W. Hay	Hay Supply Ditch	IRR; RES; STO	024N	097W	14	NW1/4NE1/4	0.00	Bush Creek	42.059323	-108.34774
CC38/113	01/19/1905	--	JOHN W. HAY	Hay Supply Ditch	RES	024N	097W	14	NW1/4NE1/4	0.00	Bush Creek	42.05932	-108.34774
P12796S	03/22/1996	--	--	Presidio (6256) Stock Reservoir	STO	024N	097W	26	NE1/4SW1/4	0.42	Luman Butte Draw	42.02312	-108.35261
P11339D	08/28/1911	Fully Adjudicated	SWEETWATER CATTLE COMPANY	Hay Ditch No. 1	IRR; STO	024N	097W	35	NE1/4SE1/4	34.43	Red Creek	42.006979	-108.34245
P11340D	07/09/1912	--	SWEETWATER CATTLE COMPANY	Hay Ditch No. 2	IRR; STO	024N	097W	35	NE1/4SE1/4	8.76	Red Creek	42.006979	-108.34245
CC38/115	07/09/1912	--	JOHN W. HAY	Hay Ditch No. 2	IRR; STO	024N	097W	35	NE1/4SE1/4	8.70	Red Creek	42.00693	-108.34245
CC38/116	08/28/1911	--	JOHN W. HAY	Hay Ditch No. 1	IRR; STO	024N	097W	35	NE1/4SE1/4	32.12	Red Creek	42.00693	-108.34245
P2339R	08/11/1911	Fully Adjudicated	SWEETWATER CATTLE CO.	Hay Reservoir, Enlarged	IRR; STO; COMBBU	024N	097W	35	SE1/4NE1/4	5,846.59	Red Creek	42.011772	-108.34391
CC38/118	08/11/1911	--	JOHN W. HAY	Hay Reservoir, Enl.	IRR; STO	024N	097W	35	SE1/4NE1/4	5,846.59	Red Creek	42.01237	-108.34291

**Notes for non-mining-related surface water rights within 1 mile of the CD-C project area:**

**Search Conducted February 15, 2011**

Water rights were searched to the nearest quarter-quarter of each section listed above. Any part of a quarter-quarter section that lies within one mile of the CD-C project area is included. A double dash (--) indicates no information is available.

**Record suffixes are denoted as follows:**

"A"      Adjudicated (finalized) rights; unless the right is a territorial appropriation, there will be a match in the reference column from one of the following permit types for the unadjudicated portion

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

"D" Ditch or pipeline permit  
"E" Enlargement of a ditch or pipeline permit  
"R" Reservoir permit  
"S" Stock reservoir permit

### Use Codes

COMBBU	Combined Beneficial Use	IND	RES	Reservoir supply
OM	Domestic	IRR	STO	Stock
FIS	Fish Propagation	MIS	TEM	Temporary
FLO	Flood Control	OIL	WET	Wetlands
FTH	Flow-through Non-consumptive	REI	WL	Wildlife
		Irrigation		

Separate water rights with a status code of ABA, A&C, AME, CAN, ELI, EXP, REJ, or TRA were eliminated from the search area listing provided above (including those belonging to the mining companies), as none of these use codes represent a valid current right.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-5. WDEQ use classifications<sup>1</sup>**

<b>Class of Water</b>	<b>Outstanding Values</b>	<b>Drinking Water</b>	<b>Game Fish</b>	<b>Non-Game Fish</b>	<b>Fish Consumption</b>	<b>Other Aquatic Life</b>	<b>Recreation</b>	<b>Wildlife</b>	<b>Agriculture</b>	<b>Industry</b>	<b>Scenic Value</b>
2AB	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2C	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3A	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3B	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
4B	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
4C	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes

<sup>1</sup> Only those classifications used in the CD-C project area are included in this list.

<sup>2</sup> "Yes" means that it is protected for the use specified, and "No" means that it is not.

Source: WDEQ 2001

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-6. WDEQ use-classified water bodies near and in the CD-C project area**

Reservoirs, Lakes, and Ponds (Use Classification)	Source Water	Acres	Surface Ownership
Alkali Lake (3A)	Spring Fed	24	BLM/WGFD
Bush Lake (3B)	Bear Creek	334	BLM
Chain Lakes (3A)	Spring Fed	1,000	BLM/WGFD
Circle Bar Lake (3A)	Spring Fed	240	WGFD
Eightmile Lake (3A)	Spring Fed	75	BLM/PRIVATE
Hansen Lake (3B)	Spring Fed	52	WGFD
Hay Reservoir (3B)	Red Creek	1,000	BLM/STATE
Lost Creek Lake (3B)	Lost Creek	824	BLM/STATE
Mud Lake (3A)	Spring Fed	98	BLM
Robber's Gulch Reservoir (2AB)	Robber's Gulch	50	BLM
<b>Streams and Springs</b>			<b>Classification</b>
<b>Upper Green/White-Yampa</b>			
Little Snake River <sup>1</sup>			2AB
Muddy Creek (mouth to Section 29, T17N, R89W) <sup>1,2</sup>			2C
Barrel Springs Draw <sup>2</sup>			3B
Windmill Draw <sup>2</sup>			3B
North Barrel Springs Draw <sup>2</sup>			3B
North Prong Red Wash <sup>2</sup>			3B
Robber's Gulch <sup>1,2</sup>			3B
Bitter Creek <sup>1,2</sup>			2C
<b>Great Divide Basin</b>			
Dugout Draw <sup>1,2</sup>			3B
Fivemile Ditch <sup>2</sup>			3B
Echo Springs <sup>2</sup>			3B
Separation Creek <sup>1</sup>			4C
Fillmore Creek <sup>2</sup>			3B
Creston Draw <sup>1,2</sup>			3B
Buck Draw <sup>1,2</sup>			3B
Mud Springs <sup>2</sup>			3B
Lost Creek <sup>1,2</sup>			3B
Red Creek <sup>1,2</sup>			4B
Bear Creek <sup>1,2</sup>			3B

<sup>1</sup> Located near CD-C project area.

<sup>2</sup> Located within CD-C project area.

Sources for reservoirs, lakes, and ponds: WDEQ 2001, and WGFD 2007b

Sources for streams and springs: WDEQ 2010

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-7. Surface water quality at selected sites within and adjacent to the CD-C project area**

Station Number	SURFACE WATER QUALITY STATION									WDEQ	
	USGS										
	Little Snake River		Muddy Creek			Lower Barrel Springs Draw	Bitter Creek	Upper Filmore Creek	Separation Creek		
	09257000	09259050	09258900	09259000	09258980	09216310	09216545	09219240	09216527	481	
Monitoring site located in CD-C project area?	No	No	No	No	No	Yes	No	Yes	No	Yes	
Sample period	1957–1988	1980–1997	1976–1978	1957–1991	April 2006–present <sup>1</sup>	1978–1979	1975–1981	4/18/1979	1975–1981	1974–1980	
Number of samples <sup>2</sup>	107	100	3	41	64	7	155	1	45	15	
pH	8.1	8.1	8.6	8.2	8.3	8.4	8.4	7.7	8.2	9.1	
Conductance, µmhos/cm (mean)	259 <sub>(34)</sub>	366 <sub>(90)</sub>	1,350 <sub>(2)</sub>	966 <sub>(35)</sub>	1,812 <sub>(64)</sub>	533 <sub>(4)</sub>	1,755 <sub>(149)</sub>	700 <sub>(1)</sub>	1,089 <sub>(39)</sub>	4,502 <sub>(7)</sub>	
Conductance, µmhos/cm (min)	82	87	600	529	448	340	280	700	220	1,800	
Conductance, µmhos/cm (max)	460	855	2,100	1,790	3,990	1,000	4,500	700	2,390	11,350	
TDS (mean)	158 <sub>(9)</sub>	243 <sub>(17)</sub>	913 <sub>(2)</sub>	346 <sub>(1)</sub>	1,249 <sub>(55)</sub>	619 <sub>(1)</sub>	1,289 <sub>(78)</sub>	495 <sub>(1)</sub>	200 <sub>(1)</sub>	4,465 <sub>(8)</sub>	
TDS(min)	46	87	396	346	267	619	295	495	200	1,304	
TDS (max)	260	540	1,430	346	2,810	619	2,740	495	200	11,289	
Suspended solids <sup>3</sup> (mean)	154 <sub>(101)</sub>	228 <sub>(25)</sub>	6,198 <sub>(2)</sub>	3,191 <sub>(41)</sub>	300 <sub>(55)</sub>	nm	1,843 <sub>(105)</sub>	141 <sub>(1)</sub>	490 <sub>(1)</sub>	423	
Suspended solids <sup>3</sup> (min)	4	6	195	7	13	nm	22	141	490	15	
Suspended solids <sup>3</sup> (max)	1,180	852	12,200	22,500	2,530	nm	21,900	141	490	956	
Turbidity, NTU	13	167	1,260	nm	55	17	305	98 <sup>4</sup>	131	nm	
Calcium	30	34	54	42	79	28	40	32	74	13	
Magnesium	8	12	44	40	50	2	27	68	69	8	
Potassium	2	2	7	9	4	5	3	7	6	13	
Sodium	11	26	200	286	274	205	348	22	80	1,604	
Bicarbonate	159	190	373	308	nm	500	369	68	277	1,400	
Sulfate	25	54	380	320	515	100	590	320	385	1,139	
Chloride	3	2	65	32	126	12	39	12	13	342	
Iron, µmhos/cm g/L	74	164	105	nm	30	nm	103	210	76	17,090	
Hardness (CaCO <sub>3</sub> )	111	151	315	270	404	80	211	nm	467	67	
Dissolved oxygen	9	10	11	10	10	5.2	9.7	5	8.2	6.4	

<sup>1</sup> Daily mean values analyzed April 18, 2006 to February 2, 2011.

<sup>2</sup> Total number of grab samples analyzed; not every parameter was analyzed in every sample.

<sup>3</sup> Total concentration; except as noted here, all reported values represent dissolved concentrations.

JTU - Jackson turbidity units.

nm - Not measured.

(n) - Number of samples analyzed for this parameter.

All units are mg/L except as noted.

Source: WRDS 2007, USGS 2011

## APPENDIX F—SUPPORTING WATER RESOURCES DATA

**Table F-8. Muddy Creek water quality<sup>1</sup>**

Parameter	Unit	Count	Mean <sup>2</sup>	Maximum	Minimum
Specific Conductance	µhos	98	1,416.9	3,990.0	0.3
Total dissolved solids	mg/L	59	1,236.0	2,810.0	267
Total suspended solids	mg/L	59	2,595.2	22,500.0	7.0
Turbidity	NTU	22	240.8	2,500.0	10.0
pH	standard units	88	8.4	9.5	7.6
Dissolved oxygen	mg/L	78	9.7	17.6	6.1
Hardness as CaCO <sub>3</sub>	mg/L	75	371.7	744.0	54.6
Alkalinity as CaCO <sub>3</sub>	mg/L	55	311.0	478.0	117.0
Calcium	mg/L	20	68.8	130.0	22.0
Magnesium	mg/L	74	43.8	97.1	3.9
Sodium	mg/L	75	222.0	693.0	3.6
Potassium	mg/L	76	4.5	9.8	1.3
Sodium adsorption ratio	none	60	5.6	11.4	0.1
Sulfate	mg/L	75	437.8	1,210.0	21.0
Chloride	mg/L	75	95.7	417.0	0.7
Bicarbonate	mg/L	20	227.1	565.0	121.0
Carbonate	mg/L	14	11.2	114.0	0.0
Fluoride	mg/L	65	0.9	11.0	0.2
Silica	mg/L	60	12.6	39.0	3.7
Coliforms, fecal	count/100 mL	8	131.3	420.0	20.0
Aluminum, dissolved	µg/L	1	< 100.0	< 100.0	< 100.0
Arsenic, dissolved	µg/L	57	2.0	3.2	0.8
Barium, dissolved	µg/L	2	76.5	< 100.0	53.0
Beryllium, dissolved	µg/L	1	< 0.01	< 0.01	< 0.01
Boron, dissolved	µg/L	3	153.3	360.0	20.0
Cadmium, dissolved	µg/L	2	0.02	0.04	0.0
Chromium, dissolved	µg/L	1	0.5	< 1.0	< 1.0
Copper, dissolved	µg/L	2	2.1	2.2	< 2.0
Iron, dissolved	µg/L	10	253.6	876.0	20.0
Lead, dissolved	µg/L	1	0.1	0.1	0.1
Manganese, dissolved	µg/L	5	65.8	218.0	< 10
Mercury, dissolved	µg/L	1	< 0.5	< 0.5	< 0.5
Molybdenum, dissolved	µg/L	1	8.0	8.0	8.0
Selenium, dissolved	µg/L	3	4.3	8.0	2.0
Silver, dissolved	µg/L	2	0.0	0.0	0.0
Uranium, dissolved	µg/L	3	10.1	16.0	6.9
Zinc, dissolved	µg/L	2	12.9	< 20	5.7
Radium 226	pCi/L	2	0.5	1.2	0.17
Gross alpha	pCi/L	2	22.5	23.0	22.0
Gross beta	pCi/L	2	6.8	7.0	< 6.5

<sup>1</sup> Based on Sampling Sites 9217220, 09258900, 09258980, 09259000, MCR3, MCDAD, 412325107244101, 412614107452101

<sup>2</sup> Geometric mean

µhos = micromhos

mg/L = milligrams per liter

µg/L = micrograms per liter

pCi/L = picocuries per liter

Source: WRDS 2007

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-9. 2010 303(d) water bodies in the CD-C project area with impairments or threats**

Surface Water	Impairments or Threats	Location	Impairments/ Threats	Use Impaired/ Threatened	Date	Priority
<b>Little Snake River Basin (HUC 14050003 and HUC 14050004)</b>						
Muddy Creek	Threats	West of State Hwy 789	Habitat degradation	Non-game fish; aquatic life	1996	Moderate
Muddy Creek	Threats	Above Alamosa Gulch to Littlefield Creek	Habitat degradation	Cold fish, aquatic life	1996	Moderate
Muddy Creek	Threats	Below Youngs Draw upstream to Deep Creek	Chloride, Selenium	Aquatic Life	2010	Not Identified In Report

Source: WDEQ 2010

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-10. Water-bearing characteristics of geologic formations in the Washakie and Great Divide structural basins**

Era	Period	Geologic Unit	Thickness	HYDROLOGIC PROPERTIES		
				Well Yield (gpm)	Transmissivity (gpd/ft)	Permeability (gpd/ft <sup>2</sup> )
Cenozoic	Quaternary		0–70	<30	168–560	21–62
	Tertiary	Washakie Formation (Uinta & Bridger Formations)	0–3,200			
		Laney Member of Green River Fm.	0–1,500	<200	100 – 300	10
		Wasatch Fm.	0–4,000+	30–50	150–10,000	0.04–18.2
		Battle Springs Fm.	0–4,700	1–157	29–3,157	NM
		Fort Union Fm.	0–2,700+	3–300	<2,500	<1
Mesozoic	Upper Cretaceous	Lance Fm.	0–4,500+	<25	<20	0.007–8.2
		Fox Hills Sandstone	0–400	NM	10–20	0.9
		Lewis Shale	0–2,700+	2–252	0.03–50	0.002–0.9
		Mesaverde Group (excl. Almond Fm.)	0–2,800	<100	<3,000	NM
		Baxter Shale (incl. Steele Shale and Niobrara Fm.)	2,000–5,000+	Major regional aquitard between Mesaverde and Frontier aquifers. Hydrologic data unavailable.		
		Frontier Fm.	190–900+	1–100+	<100–6,500	NM
	Lower Cretaceous	Mowry Shale	150–525	Regional aquitard. Hydrologic data unavailable.		
		Thermopolis Shale (incl. Muddy sandstone)	40–235 (20–155)	Considered a leaking confining unit. Hydrologic data unavailable.		
		Cloverly Fm.	45–240	25–120	340–1,700	1–177
	Upper Jurassic	Morrison Fm.	170–450+	Confining unit between Cloverly and Sundance-Nugget aquifers. Hydrologic data unavailable.		
		Sundance Fm.	130–450+	27–35	12–3,500	NM
	Lower Jurassic–Upper Triassic	Nugget Sandstone	0–650+	35–200	<2,166	NM
	Triassic	Chugwater Fm.	900–1,500+	Confining unit between Sundance-Nugget and Paleozoic aquifers. Hydrologic data unavailable.		
Mesozoic–Paleozoic	Lower Triassic Permian	Phosphoria Fm.(incl. Goose Egg Fm.)	170–460	Probable poor water-bearing capabilities due to low permeability. Hydrologic data unavailable.		
Paleozoic	Permian-Pennsylvanian	Tensleep Fm.	0–840+	24–400	1–374	NM
	Middle and Lower Pennsylvanian	Amsden Fm.	2–260+	Probable poor water-bearing capabilities due to predominance of fine-grained sediments.		
	Mississippian	Madison Limestone	5–325+	<400	Variable	NM
Paleozoic	Cambrian	Indef. rocks	0–800+	4–250	NM	NM
Precambrian	N/A	Igneous and metamorphic rocks	Unknown	10–20	<1,000	Generally high in upper 200 ft of unit

Adapted from Table V-1 in Collentine et al. (1981). Formations not encountered in CD-C project area have been omitted.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-11. Existing groundwater rights within 1 mile of the CD-C project area, February 2011**

<b>SEO Use Designation (As Assigned)</b>	<b>Groundwater Rights</b>
Monitoring	366
Stock	249
Miscellaneous	198
Coalbed Methane (Coalbed methane natural gas)	153
Domestic	35
Domestic; Stock	34
Industrial	12
Miscellaneous; Monitoring	6
Municipal	6
Domestic; Miscellaneous	4
Miscellaneous; Stock	4
Domestic; Irrigation; Stock	3
Industrial; Miscellaneous	3
Domestic; Miscellaneous; Stock	2
Industrial; Stock	2
Blank	1
Domestic; Industrial; Irrigation; Miscellaneous	1
Domestic; Irrigation	1
Test well	1
<b>Total</b>	<b>1,081</b>
<b>Use Included in SEO Designation</b>	<b>Groundwater Rights</b>
Monitoring	372
Stock	294
Miscellaneous	218
Coalbed Methane (Coalbed methane natural gas)	153
Domestic	80
Industrial	18
Municipal	6
Irrigation	5
Test Well	1
<b>Total<sup>1</sup></b>	<b>1,147</b>

<sup>1</sup> Total (1,147) exceeds the number of permitted groundwater rights (1,081) since individual rights may have multiple uses

Source: SEO 2011

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P160584W	07/19/2004	--		MIS	014N	091W	18	NW1/4NW1/4	10	--	41.19001	-107.68558
P134628W	05/02/2001	Complete	Matthew L. or Sherry L. Weber	STK	014N	091W	19	NW1/4SE1/4	0	900.0	41.16826	-107.67606
P152301W	01/09/2003	Complete	Devon Energy Production Co., LP	MIS	014N	091W	19	NW1/4SE1/4	15	900.0	41.16826	-107.67606
P191830W	01/07/2003	Incomplete	MATT WEBER	MIS	014N	091W	19	NW1/4SE1/4	0	--	41.16779	-107.67608
P106883W	08/06/1997	Complete	LEE/DONNA JONS	STK	014N	091W	30	NW1/4NE1/4	5	280.0	41.16102	-107.67608
P6415P	11/09/1967	Complete	LEELAND U. GRIEVE	STK	014N	091W	32	SE1/4SE1/4	10	140.0	41.13564	-107.65218
P92382W	07/16/1993	--	--	MIS	014N	092W	10	SE1/4NE1/4	120	--	41.20088	-107.72875
P152940W	08/04/2003	Complete	Devon Energy Production Co., LP	MIS	014N	092W	12	NE1/4NE1/4	30	1,050.0	41.20450	-107.69034
P17372P	12/12/1961	Complete	--	STK	014N	092W	12	SW1/4NE1/4	5	110.0	41.20087	-107.69515
P178794W	12/11/2006	--	Devon Energy Production Co.	MIS	014N	092W	23	NE1/4SE1/4	40	--	41.16827	-107.70962
P69993W	05/10/1985	Complete	--	MON	015N	092W	3	NE1/4NW1/4	0	26.0	41.30587	-107.73830
P69994W	05/10/1985	Complete	--	MON	015N	092W	3	SE1/4NW1/4	0	22.0	41.30230	-107.73831
P69996W	05/10/1985	Complete	--	MON	015N	092W	3	SW1/4NW1/4	0	75.0	41.30230	-107.74312
P69997W	05/10/1985	Complete	--	MON	015N	092W	3	SW1/4NW1/4	0	17.0	41.30230	-107.74312
P69998W	05/10/1985	Complete	--	MON	015N	092W	3	SW1/4NW1/4	0	34.0	41.30230	-107.74312
P69999W	05/10/1985	Complete	--	MON	015N	092W	3	NW1/4SW1/4	0	19.0	41.29868	-107.74313
P70000W	05/10/1985	Complete	--	MON	015N	092W	3	NW1/4SW1/4	0	75.0	41.29868	-107.74313
P70002W	05/10/1985	Complete	--	MON	015N	092W	3	SW1/4NW1/4	0	40.0	41.30230	-107.74312
P70003W	05/10/1985	Complete	--	MON	015N	092W	4	NE1/4SE1/4	0	37.0	41.29869	-107.74794
P70005W	05/10/1985	Complete	--	MON	015N	092W	4	SE1/4SE1/4	0	32.0	41.29507	-107.74795
P70018W	05/10/1985	Complete	--	MON	015N	092W	4	SE1/4NE1/4	0	40.0	41.30231	-107.74792
P70019W	05/10/1985	Complete	--	MON	015N	092W	4	SE1/4NE1/4	0	39.0	41.30231	-107.74792
P70020W	05/10/1985	Complete	--	MON	015N	092W	4	SW1/4NE1/4	0	40.0	41.30232	-107.75272
P70022W	05/10/1985	Complete	--	MON	015N	092W	4	NW1/4NE1/4	0	43.0	41.30588	-107.75271
P70023W	05/10/1985	Complete	--	MON	015N	092W	4	NW1/4NE1/4	0	39.0	41.30588	-107.75271
P70024W	05/10/1985	Complete	--	MON	015N	092W	4	NW1/4NE1/4	0	34.0	41.30588	-107.75271
P70016W	05/10/1985	Complete	--	MON	015N	092W	5	NE1/4NE1/4	0	72.0	41.30589	-107.76712
P70017W	05/10/1985	Complete	--	MON	015N	092W	5	NE1/4NE1/4	0	34.0	41.30589	-107.76712
P70021W	05/10/1985	Complete	--	MON	015N	092W	5	SW1/4NE1/4	0	27.0	41.30235	-107.77193
P103904W	09/24/1996	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	14.2	41.27226	-107.77671
P103905W	09/24/1996	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	20.0	41.27226	-107.77671
P103906W	09/24/1996	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	17.0	41.27226	-107.77671
P104655W	12/06/1996	Incomplete	--	MIS	015N	092W	17	SE1/4NW1/4	5	29.0	41.27226	-107.77671
P112143W	09/30/1998	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	12.5	41.27226	-107.77671
P138675W	08/31/2001	Complete	--	MIS	015N	092W	17	SE1/4NW1/4	1.5	22.0	41.27226	-107.77671
P145959W	07/15/2002	--	Devon Energy Production Co., LP	MIS	015N	092W	17	SE1/4NW1/4	0.2	23.0	41.27226	-107.77671
P70693W	07/05/1985	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	20.0	41.27226	-107.77671
P70694W	07/05/1985	Complete	--	MON	015N	092W	17	SW1/4NW1/4	0	11.0	41.27342	-107.78150
P70695W	07/05/1985	Complete	--	MON	015N	092W	17	NE1/4NW1/4	0	20.0	41.27776	-107.77672

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P70696W	07/05/1985	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	16.0	41.27226	-107.77671
P70697W	07/05/1985	Complete	--	MON	015N	092W	17	SE1/4NW1/4	0	11.0	41.27226	-107.77671
P70698W	07/05/1985	Complete	--	MON	015N	092W	17	SE1/4SW1/4	0	11.0	41.26617	-107.77669
P113242W	12/03/1998	--	SHEEHAN RANCHES	STK	015N	093W	3	NW1/4NE1/4	0	0.0	41.30644	-107.84779
P179158W	01/17/2007	--	Patrick & Judith Sheehan	MIS; STK	015N	093W	3	NW1/4NE1/4	50	--	41.30644	-107.84779
P17358W	12/20/1972	Complete	--	STK	015N	093W	6	SW1/4SW1/4	5	315.0	41.29579	-107.91477
P170496W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	NE1/4NW1/4	58	--	41.39639	-107.71907
P170497W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	NE1/4NE1/4	58	--	41.39636	-107.70944
P170498W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SW1/4NE1/4	58	--	41.38918	-107.71426
P170499W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SE1/4SE1/4	58	--	41.38193	-107.70944
P170500W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SW1/4NW1/4	58	--	41.38919	-107.72389
P170501W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SE1/4NW1/4	58	--	41.38919	-107.71907
P170502W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	NW1/4SW1/4	58	--	41.38557	-107.72388
P170503W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SE1/4SW1/4	58	--	41.38194	-107.71907
P170504W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	NW1/4SE1/4	58	--	41.38556	-107.71426
P170505W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	2	SE1/4SE1/4	58	--	41.38193	-107.70944
P170506W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	NE1/4NW1/4	58	--	41.39638	-107.73832
P170507W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	NE1/4NE1/4	58	--	41.39637	-107.72870
P170508W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SW1/4NE1/4	58	--	41.38918	-107.73351
P170509W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SE1/4NE1/4	58	--	41.38919	-107.72870
P170510W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SW1/4NW1/4	58	--	41.38918	-107.74312
P170511W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SE1/4NW1/4	58	--	41.38918	-107.73831
P170512W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	NW1/4SW1/4	58	--	41.38556	-107.74312
P170513W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SE1/4SW1/4	58	--	41.38194	-107.73831
P170514W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	NW1/4SE1/4	58	--	41.38557	-107.73350
P170515W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	3	SE1/4SE1/4	58	--	41.38194	-107.72869
P170545W	08/18/2005	--	Steve F. Adams	MIS	016N	092W	5	NE1/4SE1/4	10	--	41.38560	-107.76714
P186105W	03/06/2008	Unadjudicated	NABORS DRILLING USA, LP	MIS	016N	092W	5	NE1/4SE1/4	60	880.0	41.38716	-107.76491
P74765W	06/09/1987	Complete	--	MON	016N	092W	5	SW1/4SE1/4	0	32.0	41.38198	-107.77194
P6658P	12/31/1916	Complete	GEORGE W. DEW	DOM; STK	016N	092W	7	SE1/4NE1/4	10	440.0	41.37473	-107.78636
P74767W	06/09/1987	Complete	--	MON	016N	092W	8	SE1/4SE1/4	0	22.0	41.36912	-107.76713
P170844W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	NW1/4NE1/4	58	--	41.37832	-107.73350
P170845W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	SE1/4NE1/4	58	--	41.37470	-107.72870
P170846W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	NW1/4NW1/4	58	--	41.37832	-107.74312
P170847W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	SE1/4NW1/4	58	--	41.37470	-107.73831
P170848W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	NW1/4SE1/4	58	--	41.37107	-107.73350
P170849W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	SE1/4SE1/4	58	--	41.36745	-107.72870
P170850W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	NW1/4SW1/4	58	--	41.37108	-107.74312
P170851W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	10	SE1/4SW1/4	58	--	41.36745	-107.73831
P170384W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	SE1/4SE1/4	58	--	41.36744	-107.70945

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P170852W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	NW1/4NE1/4	58	--	41.37831	-107.71426
P170853W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	SE1/4NE1/4	58	--	41.37468	-107.70945
P170854W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	NW1/4NW1/4	58	--	41.37832	-107.72388
P170855W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	SE1/4NW1/4	58	--	41.37469	-107.71907
P170856W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	NW1/4SE1/4	58	--	41.37106	-107.71426
P170857W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	NW1/4SW1/4	58	--	41.37107	-107.72389
P170858W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	11	SE1/4SW1/4	58	--	41.36744	-107.71907
P255W	10/15/1959	Complete	FRANK WILLIAMS	STK	016N	092W	17	NW1/4SE1/4	11.5	330.0	--	--
P74768W	06/09/1987	Complete	--	MON	016N	092W	20	NE1/4SE1/4	0	22.0	41.34212	-107.76712
P170898W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	NW1/4NE1/4	58	--	41.34934	-107.75272
P170899W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	SE1/4NE1/4	58	--	41.34571	-107.74792
P170900W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	NW1/4NW1/4	58	--	41.34934	-107.76232
P170901W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	SE1/4NW1/4	58	--	41.34571	-107.75752
P170902W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	NW1/4SE1/4	58	--	41.34209	-107.75272
P170903W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	SE1/4SE1/4	58	--	41.33846	-107.74792
P170904W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	NW1/4SW1/4	58	--	41.34221	-107.76231
P170905W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	21	SE1/4SW1/4	58	--	41.33846	-107.75752
P170906W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	NW1/4NE1/4	58	--	41.34933	-107.73351
P170907W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	SE1/4NE1/4	58	--	41.34571	-107.72870
P170908W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	NW1/4NW1/4	58	--	41.34933	-107.74312
P170909W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	SE1/4NW1/4	58	--	41.34571	-107.73831
P170910W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	NW1/4SE1/4	58	--	41.34208	-107.73351
P170911W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	SE1/4SE1/4	58	--	41.33846	-107.72870
P170912W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	NW1/4SW1/4	58	--	41.34208	-107.74312
P170913W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	22	SE1/4SW1/4	58	--	41.33846	-107.73831
P170450W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	SE1/4NE1/4	58	--	41.34570	-107.70947
P170451W	09/02/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	SE1/4SE1/4	58	--	41.33845	-107.70947
P170914W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	NW1/4NE1/4	58	--	41.34932	-107.71428
P170915W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	NW1/4NW1/4	58	--	41.34933	-107.72390
P170916W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	SE1/4NW1/4	58	--	41.34570	-107.71909
P170917W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	NW1/4SE1/4	58	--	41.34208	-107.71428
P170918W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	NW1/4SW1/4	58	--	41.34208	-107.72390
P170919W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	23	SE1/4SW1/4	58	--	41.33846	-107.71909
P170920W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	NW1/4NE1/4	58	--	41.33483	-107.73351
P170921W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	SE1/4NE1/4	58	--	41.33121	-107.72870
P170922W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	NW1/4NW1/4	58	--	41.33483	-107.74312
P170923W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	SE1/4NW1/4	58	--	41.33121	-107.73831
P170924W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	NW1/4SE1/4	58	--	41.32758	-107.73350
P170925W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	SE1/4SE1/4	58	--	41.32396	-107.72870
P170926W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	NW1/4SW1/4	58	--	41.32758	-107.74311

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P170927W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	27	SE1/4SW1/4	58	--	41.32396	-107.73831
P170928W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	NW1/4NE1/4	58	--	41.33484	-107.75271
P170929W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	SE1/4NE1/4	58	--	41.33121	-107.74792
P170930W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	SE1/4NW1/4	58	--	41.33121	-107.75752
P170931W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	NW1/4SE1/4	58	--	41.32758	-107.75271
P170932W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	SE1/4SE1/4	58	--	41.32396	-107.74791
P170933W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	28	SE1/4SW1/4	58	--	41.32396	-107.75751
P70061W	05/10/1985	Complete	--	MON	016N	092W	28	SW1/4SW1/4	0	45.0	41.32396	-107.76231
P78958W	01/17/1989	Complete	--	MON	016N	092W	28	SE1/4SW1/4	0	47.0	41.32396	-107.75751
P70063W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	55.0	41.32396	-107.76711
P70066W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	80.0	41.32396	-107.76711
P70067W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	65.0	41.32396	-107.76711
P70068W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	15.0	41.32396	-107.76711
P70069W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	52.0	41.32396	-107.76711
P70070W	05/10/1985	Complete	--	MON	016N	092W	29	NW1/4SE1/4	0	80.0	41.32758	-107.77192
P70072W	05/10/1985	Complete	--	MON	016N	092W	29	NE1/4SW1/4	0	60.0	41.32758	-107.77673
P70078W	05/10/1985	Complete	--	MON	016N	092W	29	SE1/4SE1/4	0	55.0	41.32396	-107.76711
P17359W	12/20/1972	Complete	--	STK	016N	092W	31	NE1/4SW1/4	5	365.0	41.31307	-107.79594
P70077W	05/10/1985	Complete	--	MON	016N	092W	32	NE1/4NE1/4	0	55.0	41.32033	-107.76711
P78959W	01/17/1989	Complete	--	MON	016N	092W	32	SE1/4NE1/4	0	45.0	41.31670	-107.76711
P70006W	05/10/1985	Complete	--	MON	016N	092W	33	SW1/4NE1/4	0	39.0	41.31670	-107.75271
P70007W	05/10/1985	Complete	--	MON	016N	092W	33	NE1/4SW1/4	0	41.2	41.31308	-107.75751
P70008W	05/10/1985	Complete	--	MON	016N	092W	33	NE1/4SW1/4	0	51.1	41.31308	-107.75751
P70009W	05/10/1985	Complete	--	MON	016N	092W	33	NW1/4SW1/4	0	66.0	41.31308	-107.76231
P70010W	05/10/1985	Complete	--	MON	016N	092W	33	NW1/4SW1/4	0	80.0	41.31308	-107.76231
P70011W	05/10/1985	Complete	--	MON	016N	092W	33	NW1/4SW1/4	0	38.0	41.31308	-107.76231
P70012W	05/10/1985	Complete	--	MON	016N	092W	33	SW1/4NW1/4	0	43.0	41.31670	-107.76231
P70014W	05/10/1985	Complete	--	MON	016N	092W	33	SW1/4SW1/4	0	67.0	41.30945	-107.76231
P70015W	05/10/1985	Complete	--	MON	016N	092W	33	SW1/4SW1/4	0	9.0	41.30945	-107.76231
P78960W	01/17/1989	Complete	--	MON	016N	092W	33	SW1/4NW1/4	0	42.0	41.31670	-107.76231
P78961W	01/17/1989	Complete	--	MON	016N	092W	33	NW1/4NW1/4	0	41.0	41.32033	-107.76231
P78962W	01/17/1989	Complete	--	MON	016N	092W	33	NW1/4NW1/4	0	40.0	41.32033	-107.76231
P78963W	01/17/1989	Complete	--	MON	016N	092W	33	SW1/4SW1/4	0	39.0	41.30945	-107.76231
P78964W	01/17/1989	Complete	--	MON	016N	092W	33	SW1/4SW1/4	0	41.0	41.30945	-107.76231
P170934W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	NW1/4NE1/4	58	--	41.32033	-107.73350
P170935W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	SE1/4NE1/4	58	--	41.31671	-107.72869
P170936W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	NW1/4NW1/4	58	--	41.32033	-107.74311
P170937W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	SE1/4NW1/4	58	--	41.31671	-107.73830
P170938W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	NW1/4SE1/4	58	--	41.31308	-107.73349
P170939W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	SE1/4SE1/4	58	--	41.30946	-107.72869

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P170940W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	NW1/4SW1/4	58	--	41.31308	-107.74310
P170941W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	34	SE1/4SW1/4	58	--	41.30945	-107.73829
P170942W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	NW1/4NE1/4	58	--	41.32033	-107.71428
P170943W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	SE1/4NE1/4	58	--	41.31671	-107.70947
P170944W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	NW1/4NW1/4	58	--	41.32033	-107.72389
P170945W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	SE1/4NW1/4	58	--	41.31671	-107.71908
P170946W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	NW1/4SE1/4	58	--	41.31308	-107.71428
P170947W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	SE1/4SE1/4	58	--	41.30946	-107.70947
P170948W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	NW1/4SW1/4	58	--	41.31308	-107.72388
P170949W	10/14/2005	--	Double Eagle Petroleum Company	CBM	016N	092W	35	SE1/4SW1/4	58	--	41.30946	-107.71908
P95447W	05/24/1994	--	BP America Production Co.	MIS	016N	093W	7	SE1/4NW1/4	--	--	41.37567	-107.91032
P149036W	01/29/2003	Complete	BP America Production Co.	MIS	016N	093W	8	NW1/4SE1/4	84	783.0	41.37193	-107.88623
P190145W	07/14/2008	Complete	BP America Production Co.	MIS	016N	093W	13	NW1/4NW1/4	120	1,630.0	41.36446	-107.81840
P149037W	01/29/2003	Complete	BP America Production Co.	MIS	016N	093W	14	SW1/4SE1/4	120	9,223.0	41.35348	-107.82867
P17365P	01/31/1966	Complete	BP America Production Co.	STK	016N	093W	14	NW1/4NW1/4	5	240.0	41.36442	-107.83822
P75633W	10/01/1987	Incomplete	BP America Production Co.	MIS	016N	093W	32	SE1/4NW1/4	50	500.0	41.31746	-107.89090
P120114W	11/03/1999	--	BP America Production Co.	MIS	016N	094W	1	NW1/4SW1/4	150	--	41.38667	-107.93368
P183692W	11/05/2007	--	BP America Production Co.	MIS	016N	094W	4	NE1/4NE1/4	175	--	41.39737	-107.97671
P191487W	09/25/2009	Incomplete	BP America Production Co.	STK	016N	094W	9	SW1/4SE1/4		--	41.36961	-107.97975
P17366P	10/26/1967	Complete	BP America Production Co.	STK	016N	094W	12	NE1/4NE1/4	5	140.0	41.37933	-107.91932
P191485W	09/25/2009	Incomplete	BP America Production Co.	STK	016N	094W	20	NE1/4NW1/4	25	--	41.35174	-108.00675
P17367P	10/26/1967	Complete	BP America Production Co.	STK	016N	094W	24	SE1/4SE1/4	5	207.0	41.33937	-107.91932
P157271W	03/25/2004	Incomplete	BP America Production Co.	MIS	016N	095W	1	NW1/4NW1/4	200	--	41.39747	-108.04769
P189204W	10/21/2008	Incomplete	BP America Production Co.	MIS	016N	095W	1	NW1/4NW1/4	200	--	41.39692	-108.04767
P154096W	09/17/2003	Complete	BP America Production Co.	STK	016N	095W	11	SE1/4NW1/4	6	830.0	41.37604	-108.06223
P189601W	11/26/2008	Fully Adjudicated	BP America Production Co.	MIS	017N	092W	3	NW1/4SE1/4	50	--	41.47459	-107.74611
P139582W	07/11/2001	--	BP America Production Co.	MIS	017N	092W	5	NW1/4SE1/4	50	--	41.47539	-107.78435
P189600W	11/26/2008	Complete	BP America Production Co.	MIS	017N	092W	5	NW1/4SE1/4	50	850.0	41.47674	-107.78503
P17360W	12/20/1972	Complete	BP America Production Co.	STK	017N	092W	8	SE1/4NW1/4	5	100.0	41.46427	-107.78972
P27847W	09/17/1974	Complete	BP America Production Co.	DOM; STK	017N	092W	14	NW1/4NW1/4	3	250.0	41.45328	-107.73674
P70047W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	14	SW1/4SW1/4	0	95.0	41.44250	-107.73674
P169453W	07/13/2005	Complete	BP America Production Co.	DOM; MIS; STK	017N	092W	15	SW1/4SW1/4	20	880.0	41.44250	-107.75588
P173454W	02/28/2006	--	BP America Production Co.	MIS	017N	092W	15	SE1/4SW1/4	25	2,600.0	41.44250	-107.75107
P56791W	05/05/1981	Complete	BP America Production Co.	STK	017N	092W	15	SE1/4SW1/4	25	2,600.0	41.44250	-107.75107
P70035W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SE1/4SW1/4	0	20.0	41.44250	-107.75107
P70040W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SW1/4SW1/4	0	20.0	41.44250	-107.75588
P70041W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SE1/4SW1/4	0	47.0	41.44250	-107.75107
P70042W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SE1/4SW1/4	0	20.0	41.44250	-107.75107
P70043W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SE1/4SW1/4	0	20.0	41.44250	-107.75107
P70044W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SW1/4	0	82.0	41.44612	-107.75106

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P70045W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NW1/4SE1/4	0	42.0	41.44610	-107.74627
P70046W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NW1/4SE1/4	0	32.0	41.44610	-107.74627
P70048W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	49.0	41.44608	-107.74150
P70049W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SW1/4	0	40.0	41.44612	-107.75106
P70050W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NW1/4SE1/4	0	15.0	41.44610	-107.74627
P70051W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	82.0	41.44608	-107.74150
P70052W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	72.0	41.44608	-107.74150
P70053W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	55.0	41.44608	-107.74150
P70054W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	35.0	41.44608	-107.74150
P70055W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	82.0	41.44608	-107.74150
P70056W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NE1/4SE1/4	0	75.0	41.44608	-107.74150
P70057W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	SW1/4NE1/4	0	42.0	41.44973	-107.74626
P70059W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	15	NW1/4NE1/4	0	40.0	41.45339	-107.74625
P70037W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	16	SE1/4SE1/4	0	45.0	41.44250	-107.76069
P70038W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	16	SE1/4SE1/4	0	45.0	41.44250	-107.76069
P70027W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	SE1/4NW1/4	0	40.0	41.43531	-107.75106
P70028W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	42.0	41.43888	-107.75587
P70031W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	82.0	41.43888	-107.75587
P70032W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	62.0	41.43888	-107.75587
P70033W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	32.0	41.43888	-107.75587
P70034W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	42.0	41.43888	-107.75587
P70036W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	42.0	41.43888	-107.75587
P70039W	05/10/1985	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	32.0	41.43888	-107.75587
P78955W	01/17/1989	Complete	BP America Production Co.	MON	017N	092W	22	NW1/4NW1/4	0	28.0	41.43888	-107.75587
P170875W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	24	NW1/4SE1/4	58	--	41.43221	-107.70712
P170876W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	24	SE1/4SE1/4	58	--	41.42877	-107.70198
P170877W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	24	NW1/4SW1/4	58	--	41.43181	-107.71736
P170878W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	24	SE1/4SW1/4	58	--	41.42837	-107.71222
P170879W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	NW1/4NE1/4	58	--	41.42493	-107.70708
P170881W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	NW1/4NW1/4	58	--	41.42453	-107.71735
P170882W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	SE1/4NW1/4	58	--	41.42109	-107.71222
P170883W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	NW1/4SE1/4	58	--	41.41766	-107.70707
P170884W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	SE1/4SE1/4	58	--	41.41427	-107.70193
P170885W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	NW1/4SW1/4	58	--	41.41725	-107.71735
P170886W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	25	SE1/4SW1/4	58	--	41.41384	-107.71222
P170516W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	NW1/4NE1/4	58	--	41.42446	-107.72720
P170517W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	NW1/4NW1/4	58	--	41.42449	-107.73675
P170518W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	SE1/4NW1/4	58	--	41.42084	-107.73197
P170519W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	NW1/4SW1/4	58	--	41.41722	-107.73676
P170520W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	SE1/4SW1/4	58	--	41.41356	-107.73195

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P170521W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	NW1/4SE1/4	58	--	41.41718	-107.72716
P170540W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	SE1/4NE1/4	58	--	41.42080	-107.72233
P170541W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	26	SE1/4SE1/4	58	--	41.41352	-107.72233
P97449W	10/12/1994	--	BP America Production Co.	STK	017N	092W	26	NE1/4SE1/4	0	475.0	41.41716	-107.72232
P74763W	06/09/1987	Complete	BP America Production Co.	MON	017N	092W	28	SE1/4SW1/4	0	25.0	41.41362	-107.77010
P78956W	01/17/1989	Complete	BP America Production Co.	MON	017N	092W	28	SE1/4SW1/4	0	28.0	41.41362	-107.77010
P78957W	01/17/1989	Complete	BP America Production Co.	MON	017N	092W	28	SW1/4SW1/4	0	62.0	41.41360	-107.77488
P83907W	11/01/1990	Complete	BP America Production Co.	STK	017N	092W	33	SE1/4NE1/4	6	384.0	41.40646	-107.76040
P170522W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	34	NW1/4NE1/4	58	--	41.40998	-107.74619
P170523W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	34	SE1/4NE1/4	58	--	41.40632	-107.74147
P170524W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	34	NW1/4SE1/4	58	--	41.40296	-107.74534
P170525W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	34	SE1/4SE1/4	58	--	41.39977	-107.74021
P170527W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	35	SE1/4SW1/4	58	--	41.39972	-107.73072
P170528W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	35	NW1/4SE1/4	58	--	41.40288	-107.72627
P170529W	09/02/2005	--	BP America Production Co.	CBM	017N	092W	35	SE1/4SE1/4	58	--	41.39972	-107.72114
P170887W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	35	NW1/4NE1/4	58	--	41.40991	-107.72703
P170888W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	35	SE1/4NE1/4	58	--	41.40627	-107.72224
P170889W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	35	NW1/4NW1/4	58	--	41.40994	-107.73670
P170890W	10/14/2005	--	BP America Production Co.	CBM	017N	092W	35	SE1/4NW1/4	58	--	41.40629	-107.73146
P171981W	11/30/2005	--	BP America Production Co.	MIS	017N	093W	3	SW1/4SW1/4	150	--	41.47270	-107.86983
P184334W	12/17/2007	Incomplete	BP America Production Co.	MIS	017N	093W	3	NW1/4NE1/4	100	--	41.48474	-107.86119
P171980W	11/30/2005	--	BP America Production Co.	MIS	017N	093W	10	SW1/4NW1/4	150	--	41.46535	-107.86978
P64310W	06/09/1983	Complete	BP America Production Co.	STK	017N	093W	15	SW1/4NW1/4	7	1,040.0	41.45083	-107.86963
P139581W	07/03/2001	--	BP America Production Co.	MIS	017N	093W	21	NW1/4SW1/4	0	--	41.43260	-107.88883
P177391W	09/15/2006	--	BP America Production Co.	MIS	017N	093W	21	NW1/4SW1/4	200	--	41.43260	-107.88883
P183109W	06/04/2007	Incomplete	BP America Production Co.	MIS	017N	093W	21	NW1/4SW1/4	0	--	41.43260	-107.88883
P174021W	04/06/2006	--	BP America Production Co.	MIS	017N	093W	25	SW1/4SW1/4	100	660.0	41.41433	-107.83062
P175189W	04/19/2006	--	BP America Production Co.	MIS	017N	093W	27	NW1/4SE1/4	150	--	41.41801	-107.85971
P171984W	12/01/2005	--	BP America Production Co.	MIS	017N	093W	31	NE1/4SW1/4	50	--	41.40401	-107.92247
P133868W	04/02/2001	--	BP America Production Co.	MIS	017N	093W	35	SW1/4SW1/4	150	--	41.40021	-107.85011
P64311W	06/09/1983	Complete	BP America Production Co.	STK	017N	093W	35	SW1/4SW1/4	7	1,200.0	41.40021	-107.85011
P17370P	10/26/1967	Complete	BP America Production Co.	STK	017N	094W	4	NW1/4NW1/4	5	252.0	41.48394	-108.00404
P152045W	06/18/2003	--	BP America Production Co.	MIS	017N	094W	9	NW1/4SW1/4	80	--	41.46218	-108.00391
P154978W	10/31/2003	--	BP America Production Co.	MIS	017N	094W	13	NW1/4SW1/4	50	--	41.44772	-107.94592
P176012W	04/19/2006	Complete	BP America Production Co.	MIS	017N	094W	13	NW1/4SW1/4	150	420.0	41.44772	-107.94592
P194217W	11/15/2010	Complete	BP America Production Co.	MIS	017N	094W	13	NW1/4SW1/4	150	420.0	41.44647	-107.94427
P152753W	07/30/2003	Complete	BP America Production Co.	STK	017N	094W	19	SW1/4SW1/4	12	500.0	41.42960	-108.04255
P71969W	10/23/1985	Complete	BP America Production Co.	STK	017N	094W	21	SE1/4SW1/4	25	400.0	41.42953	-107.99894
P17371P	10/26/1967	Complete	BP America Production Co.	STK	017N	094W	26	NE1/4NE1/4	5	200.0	41.42600	-107.95067
P89063W	04/14/1992	Complete	BP America Production Co.	DOM	017N	094W	27	NE1/4NE1/4	10	120.0	41.42601	-107.96996

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P187982W	06/02/2008	Incomplete	BP America Production Co.	MIS; MIS	017N	095W	1	SW1/4NW1/4	80	--	41.47971	-108.06187
P183450W	08/31/2007	--	BP America Production Co.	MIS	017N	095W	2	NW1/4SE1/4	200	--	41.47661	-108.07139
P191484W	09/25/2009	Incomplete	BP America Production Co.	STK	017N	095W	5	SE1/4SW1/4	25	--	41.47270	-108.13371
P152752W	07/30/2003	--	BP America Production Co.	STK	017N	095W	13	NE1/4SW1/4	25	--	41.44771	-108.05709
P173027W	01/19/2006	--	BP America Production Co.	MIS	017N	095W	18	SW1/4NE1/4	60	1,120.0	41.45115	-108.14805
P188950W	09/19/2008	Fully Adjudicated	BP America Production Co.	MIS	018N	092W	1	NW1/4SE1/4	50	--	41.56253	-107.70672
P189034W	10/07/2008	Fully Adjudicated	BP America Production Co.	MIS	018N	092W	3	NE1/4SE1/4	50	--	41.56253	-107.74023
P186057W	03/12/2008	Incomplete	BP America Production Co.	MIS	018N	092W	7	SW1/4NE1/4	50	--	41.55195	-107.80254
P135632W	06/06/2001	--	BP America Production Co.	MIS	018N	092W	9	SE1/4NW1/4	50	--	41.55204	-107.76913
P187974W	08/19/2008	Incomplete	BP America Production Co.	MIS; MIS	018N	092W	11	SW1/4NE1/4	50	--	41.55213	-107.72590
P175171W	05/12/2006	--	BP America Production Co.	MIS	018N	092W	16	NE1/4SE1/4	200	--	41.53388	-107.75943
P191991W	10/09/2009	Complete	BP America Production Co.	MIS	018N	092W	19	NE1/4SW1/4	50	800.0	41.51950	-107.80731
P185940W	02/06/2008	Incomplete	BP America Production Co.	MIS	018N	092W	21	NE1/4SW1/4	50	--	41.51892	-107.76889
P188725W	08/22/2008	Incomplete	BP America Production Co.	MIS	018N	092W	23	SW1/4NW1/4	50	--	41.52258	-107.73535
P101327W	11/29/1995	Complete	BP America Production Co.	STK	018N	092W	25	SW1/4SE1/4	6	450.0	41.50145	-107.70673
P105038W	02/24/1997	Incomplete	BP America Production Co.	MIS	018N	092W	30	SW1/4SE1/4	70	820.0	41.50122	-107.80243
P149038W	01/29/2003	Complete	BP America Production Co.	MIS	018N	092W	30	SW1/4SE1/4	70	820.0	41.50122	-107.80243
P100202W	09/05/1995	Complete	BP America Production Co.	STK	018N	092W	31	SW1/4SW1/4	25	520.0	41.48715	-107.81193
P111248W	07/23/1998	Incomplete	BP America Production Co.	MIS	018N	092W	34	NW1/4SE1/4		-	41.49056	-107.74501
P101328W	11/29/1995	Complete	BP America Production Co.	STK	018N	093W	1	SW1/4SW1/4	6	420.0	41.55962	-107.83089
P157786W	04/09/2004	--	BP America Production Co.	MIS	018N	093W	1	SW1/4SW1/4	150	--	41.55962	-107.83089
P189473W	12/29/2008	Unadjudicated	BP America Production Co.	MIS	018N	093W	1	SW1/4SW1/4	150	--	41.55913	-107.83085
P156487W	01/27/2004	Complete	BP America Production Co.	STK	018N	093W	2	SW1/4NW1/4	5	300.0	41.56686	-107.85044
P70757W	07/29/1985	Complete	BP America Production Co.	STK	018N	093W	3	SW1/4SW1/4	25	300.0	41.55961	-107.86969
P182024W	05/24/2007	Complete	BP America Production Co.	MIS	018N	093W	5	SW1/4NE1/4	100	--	41.56708	-107.89876
P66393W	02/15/1984	Complete	BP America Production Co.	STK	018N	093W	5	NW1/4SW1/4	10	740.0	41.56366	-107.90849
P64538W	06/24/1983	Complete	BP America Production Co.	STK	018N	093W	9	NW1/4SW1/4	5	560.0	41.54893	-107.88900
P156486W	01/27/2004	Complete	BP America Production Co.	STK	018N	093W	10	SW1/4NW1/4	5	300.0	41.55233	-107.86967
P70758W	07/29/1985	Complete	BP America Production Co.	STK	018N	093W	11	SE1/4SW1/4	12	330.0	41.54513	-107.84549
P101324W	11/29/1995	Complete	BP America Production Co.	STK	018N	093W	13	SE1/4SE1/4	25	555.0	41.53048	-107.81684
P101329W	11/29/1995	Complete	BP America Production Co.	STK	018N	093W	15	NE1/4SW1/4	5	306.0	41.53414	-107.86474
P131973W	01/16/2001	--	BP America Production Co.	MIS	018N	093W	15	SE1/4NW1/4	0	--	41.53779	-107.86477
P173073W	02/10/2006	--	BP America Production Co.	MIS	018N	093W	15	SE1/4NW1/4	50	--	41.53779	-107.86477
P64537W	06/24/1983	Complete	BP America Production Co.	STK	018N	093W	17	SW1/4SW1/4	10	440.0	41.53101	-107.90831
P180338W	03/07/2007	Complete	BP America Production Co.	MIS	018N	093W	21	SE1/4SW1/4	60	--	41.51808	-107.88568
P64536W	06/24/1983	Complete	BP America Production Co.	STK	018N	093W	21	SE1/4SW1/4	20	780.0	41.51624	-107.88402
P70759W	07/29/1985	Complete	BP America Production Co.	STK	018N	093W	23	SW1/4SW1/4	12	620.0	41.51611	-107.85018
P182022W	05/24/2007	--	BP America Production Co.	MIS	018N	093W	25	NW1/4SE1/4	100	--	41.50525	-107.82173
P120119W	10/29/1999	--	BP America Production Co.	MIS	018N	093W	27	SW1/4SW1/4	150	--	41.50157	-107.86934
P66579W	03/15/1984	Complete	BP America Production Co.	STK	018N	093W	27	SW1/4SW1/4	8	680.0	41.50157	-107.86934

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P66578W	03/15/1984	Complete	BP America Production Co.	STK	018N	093W	29	SW1/4SW1/4	8	620.0	41.50197	-107.90809
P168408W	06/07/2005	--	BP America Production Co.	MIS	018N	093W	33	SW1/4SW1/4	50	--	41.48737	-107.88875
P66580W	03/15/1984	Complete	BP America Production Co.	STK	018N	093W	33	NW1/4SW1/4	6	720.0	41.49098	-107.88875
P180336W	03/07/2007	--	BP America Production Co.	MIS	018N	093W	34	SW1/4SW1/4	60	--	41.48727	-107.86952
P183110W	06/04/2007	Incomplete	BP America Production Co.	MIS	018N	093W	34	SW1/4SW1/4	0	--	41.48727	-107.86952
P194745W	01/05/2011	Complete	BP America Production Co.	MIS	018N	093W	35	SW1/4SW1/4	50	600.0	41.48903	-107.84851
P17373P	10/26/1967	Complete	BP America Production Co.	STK	018N	094W	22	SE1/4SE1/4	5	150.0	41.51631	-107.97067
P194748W	01/13/2011	Incomplete	BP America Production Co.	MIS	018N	094W	25	SE1/4NW1/4	100	--	41.50917	-107.94113
P175367W	07/11/2006	--	BP America Production Co.	MIS	018N	094W	28	NE1/4SW1/4	25	--	41.50427	-108.00181
P165537W	02/23/2005	--	BP America Production Co.	MIS	018N	094W	31	NW1/4NE1/4	50	--	41.49806	-108.03335
P165337W	02/10/2005	--	BP America Production Co.	MIS	018N	094W	33	NE1/4SW1/4	50	--	41.49109	-107.99936
P158015W	04/13/2004	Complete	BP America Production Co.	STK	018N	095W	1	SE1/4SW1/4	14	940.0	41.55966	-108.05744
P154377W	10/06/2003	Complete	BP America Production Co.	STK	018N	095W	7	SE1/4SW1/4	12	940.0	41.54491	-108.15360
P158016W	04/13/2004	Complete	BP America Production Co.	STK	018N	095W	11	SE1/4SW1/4	12	600.0	41.54519	-108.07669
P175170W	05/12/2006	--	BP America Production Co.	MIS	018N	095W	14	SE1/4NE1/4	200	--	41.53798	-108.06716
P175201W	06/13/2006	--	BP America Production Co.	MIS	018N	095W	18	SE1/4SE1/4	200	--	41.53047	-108.14395
P152778W	07/02/2003	--	BP America Production Co.	MIS	018N	095W	19	SE1/4SW1/4	200	--	41.51601	-108.15317
P190924W	07/01/2009	Complete	BP America Production Co.	MIS	018N	095W	19	SE1/4SW1/4	75	--	41.51554	-108.15311
P178687W	11/16/2006	--	BP America Production Co.	MIS	018N	095W	22	NW1/4NW1/4	200	--	41.52711	-108.10085
P191486W	09/25/2009	Incomplete	BP America Production Co.	STK	018N	095W	35	SW1/4SE1/4	25	--	41.48594	-108.07283
P105059W	02/21/1997	Complete	BP America Production Co.	STK	018N	096W	1	NW1/4NW1/4	15	440.0	41.57041	-108.17789
P194620W	12/20/2010	Incomplete	BP America Production Co.	STK	018N	096W	7	NE1/4NW1/4	25	--	41.55569	-108.26914
P63762W	03/03/1983	Complete	BP America Production Co.	STK	018N	096W	13	NE1/4SW1/4	2	800.0	41.53433	-108.17258
P152923W	08/07/2003	--	BP America Production Co.	MIS	018N	096W	15	NW1/4NW1/4	150	--	41.54155	-108.21592
P74149W	02/27/1987	Complete	BP America Production Co.	STK	018N	096W	20	SE1/4SE1/4	25	350.0	41.51593	-108.24029
P50386W	10/22/1979	Complete	BP America Production Co.	STK	018N	096W	23	SW1/4SW1/4	15	200.0	41.51631	-108.19668
P105058W	02/21/1997	Complete	BP America Production Co.	STK	018N	096W	27	SW1/4SE1/4	0.5	330.0	41.50181	-108.20624
P153419W	08/20/2003	Complete	BP America Production Co.	STK	018N	096W	31	SW1/4SW1/4	10	308.0	41.48738	-108.27314
P178994W	11/22/2006	--	BP America Production Co.	MIS	018N	096W	31	SW1/4SW1/4	80	308.0	41.48738	-108.27314
P11C	10/03/1945	Incomplete	BP America Production Co.	IND	018N	098W	1	NW1/4NW1/4	14	572.0	41.57120	-108.40540
P142768W	10/26/2001	Complete	BP America Production Co.	MIS	018N	098W	1	NW1/4NW1/4	180	2,831.0	41.57120	-108.40540
P26031W	01/22/1974	Fully Adjudicated	BP America Production Co.	MIS	018N	098W	1	NW1/4NE1/4	13	657.0	41.57119	-108.39576
P1883W	03/23/1967	--	BP America Production Co.	IND	018N	099W	1	NW1/4SE1/4	468	4,040.0	41.56405	-108.51102
P6419P	05/31/1962	Complete	BP America Production Co.	STK	019N	091W	5	NW1/4NW1/4	7.5	180.0	41.65644	-107.67995
P128687W	09/05/2000	Complete	BP America Production Co.	STK	019N	091W	7	NW1/4NW1/4	25	260.0	41.64213	-107.69835
P138467W	08/29/2001	Complete	BP America Production Co.	STK	019N	091W	7	NW1/4NW1/4	5	260.0	41.64213	-107.69835
P141758W	01/07/2002	Complete	BP America Production Co.	STK	019N	091W	9	NE1/4NE1/4	4	400.0	41.64164	-107.64483
P6416P	05/31/1962	Complete	BP America Production Co.	STK	019N	091W	11	SE1/4NW1/4	7.5	250.0	41.63771	-107.61584
P55868W	03/05/1981	Complete	BP America Production Co.	STK	019N	091W	35	SW1/4SE1/4	20	100.0	41.57261	-107.61170
P101390W	03/10/1994	Incomplete	BP America Production Co.	MIS	019N	092W	2	NW1/4SE1/4	300	3,755.0	41.64948	-107.72682

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P53684W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	3	SW1/4SW1/4	0	91.0	41.64570	-107.75555
P53700W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	3	NE1/4SW1/4	0	160.0	41.64937	-107.75084
P101009W	12/01/1995	Complete	BP America Production Co.	STK	019N	092W	5	NW1/4SW1/4	25	840.0	41.64930	-107.79424
P149530W	02/27/2003	--	BP America Production Co.	STK	019N	092W	6	NW1/4NE1/4	10	--	41.65664	-107.80399
P101008W	12/01/1995	Complete	BP America Production Co.	STK	019N	092W	7	SW1/4SW1/4	25	560.0	41.63138	-107.81281
P168057W	05/25/2005	--	BP America Production Co.	MIS	019N	092W	7	SW1/4SW1/4	50	--	41.63138	-107.81281
P53663W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	423.0	41.64207	-107.76031
P53672W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	85.0	41.64207	-107.76031
P53678W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	270.0	41.64207	-107.76031
P53679W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	145.0	41.64207	-107.76031
P53681W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	115.0	41.64207	-107.76031
P53687W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	9	NE1/4NE1/4	0	160.0	41.64207	-107.76031
P53637W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	11	NW1/4SW1/4	0	130.0	41.63499	-107.73631
P53659W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	11	NW1/4SW1/4	0	223.0	41.63499	-107.73631
P53660W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	11	SW1/4NW1/4	0	273.0	41.63862	-107.73634
P53682W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	11	NW1/4SW1/4	0	35.0	41.63499	-107.73631
P53644W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	13	SW1/4SE1/4	0	40.0	41.61695	-107.70731
P53653W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	15	SE1/4SE1/4	0	86.0	41.61674	-107.74095
P53654W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	15	SE1/4SE1/4	0	122.0	41.61674	-107.74095
P53655W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	15	SE1/4SE1/4	0	142.0	41.61674	-107.74095
P53656W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	15	SE1/4SE1/4	0	85.0	41.61674	-107.74095
P155406W	12/08/2003	--	BP America Production Co.	MIS	019N	092W	17	NW1/4SW1/4	150	--	41.62016	-107.79401
P53649W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	21	NE1/4NE1/4	0	130.0	41.61305	-107.76021
P53651W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	21	NE1/4NE1/4	0	180.0	41.61305	-107.76021
P53652W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	21	NE1/4NE1/4	0	292.0	41.61305	-107.76021
P149393W	11/25/2002	--	BP America Production Co.	MIS	019N	092W	24	NW1/4SW1/4	100	--	41.60608	-107.71690
P187981W	06/02/2008	Incomplete	BP America Production Co.	MIS; MIS	019N	092W	27	SE1/4SW1/4	200	--	41.58736	-107.75029
P53665W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	27	NE1/4NW1/4	0	245.0	41.59857	-107.75045
P53666W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	27	NE1/4NW1/4	0	135.0	41.59857	-107.75045
P53667W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	27	NE1/4NW1/4	0	155.0	41.59857	-107.75045
P53668W	09/02/1980	Complete	BP America Production Co.	MON	019N	092W	27	NE1/4NW1/4	0	188.0	41.59857	-107.75045
P187966W	07/23/2008	Incomplete	BP America Production Co.	MIS; MIS	019N	092W	29	NE1/4SW1/4	50	--	41.59159	-107.78919
P186603W	04/17/2008	Incomplete	BP America Production Co.	STK	019N	092W	35	NE1/4SW1/4	20	--	41.57684	-107.73072
P101326W	11/29/1995	Complete	BP America Production Co.	STK	019N	093W	1	NW1/4NE1/4	6	500.0	41.65674	-107.82238
P194807W	12/20/2010	Complete	BP America Production Co.	MIS	019N	093W	1	NE1/4NE1/4	80	600.0	41.65781	-107.81569
P97297W	10/06/1994	Incomplete	BP America Production Co.	IND; MIS	019N	093W	1	NW1/4SE1/4	20	460.0	41.64958	-107.82244
P177388W	09/08/2006	--	BP America Production Co.	MIS	019N	093W	3	NE1/4SW1/4	50	325.0	41.64969	-107.86565
P183108W	06/04/2007	Incomplete	BP America Production Co.	MIS	019N	093W	3	NW1/4SW1/4	0	325.0	41.64972	-107.87050
P57683W	07/24/1981	Complete	BP America Production Co.	STK	019N	093W	3	NE1/4SW1/4	25	325.0	41.64969	-107.86565
P101325W	11/29/1995	Complete	BP America Production Co.	STK	019N	093W	7	SE1/4SW1/4	25	545.0	41.63221	-107.92317

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P100204W	09/05/1995	Complete	BP America Production Co.	STK	019N	093W	9	NW1/4SW1/4	25	350.0	41.63548	-107.88969
P126752W	07/05/2000	--	BP America Production Co.	MIS	019N	093W	10	SW1/4SW1/4	40	--	41.63168	-107.87037
P57686W	07/24/1981	Complete	BP America Production Co.	STK	019N	093W	11	SW1/4SW1/4	25	528.0	41.63154	-107.85099
P126751W	07/05/2000	--	BP America Production Co.	MIS	019N	093W	14	NE1/4SW1/4	40	--	41.62077	-107.84636
P57685W	07/24/1981	Complete	BP America Production Co.	STK	019N	093W	15	SE1/4SW1/4	25	300.0	41.61720	-107.86571
P101330W	11/29/1995	Complete	BP America Production Co.	STK	019N	093W	17	SE1/4SW1/4	6	400.0	41.61751	-107.90405
P136935W	07/24/2001	Fully Adjudicated	BP America Production Co.	MIS	019N	093W	19	SW1/4SE1/4	20	425.0	41.60320	-107.91815
P143131W	03/15/2002	Complete	BP America Production Co.	MON	019N	093W	19	SW1/4SE1/4	0	40.0	41.60320	-107.91815
P143132W	03/15/2002	Complete	BP America Production Co.	MON	019N	093W	19	NW1/4SE1/4	0	40.0	41.60682	-107.91819
P143133W	03/15/2002	Complete	BP America Production Co.	MON	019N	093W	19	SE1/4SE1/4	0	46.0	41.60313	-107.91335
P168348W	05/10/2005	--	BP America Production Co.	MIS	019N	093W	19	NE1/4SW1/4	150	--	41.60690	-107.92298
P57681W	07/24/1981	Complete	BP America Production Co.	STK	019N	093W	21	NE1/4NE1/4	25	7.0	41.61373	-107.87529
P100205W	09/05/1995	Complete	BP America Production Co.	STK	019N	093W	29	NE1/4SW1/4	25	300.0	41.59225	-107.90373
P100206W	09/05/1995	Complete	BP America Production Co.	STK	019N	093W	29	NE1/4SW1/4	25	340.0	41.59225	-107.90373
P65191W	06/24/1983	Complete	BP America Production Co.	STK	019N	093W	31	NE1/4SW1/4	10	520.0	41.57796	-107.92289
P169650W	07/13/2005	--	BP America Production Co.	MIS	019N	093W	33	SW1/4SW1/4	50	340.0	41.57413	-107.88923
P100203W	09/05/1995	Complete	BP America Production Co.	STK	019N	093W	35	SW1/4SW1/4	25	340.0	41.57388	-107.85067
P29066W	01/29/1975	Complete	BP America Production Co.	STK	019N	094W	5	NW1/4NW1/4	10	360.0	41.65729	-108.02358
P105068W	02/20/1997	Complete	BP America Production Co.	STK	019N	094W	13	SE1/4SW1/4	25	540.0	41.61793	-107.94199
P107541W	09/18/1997	Complete	BP America Production Co.	MON	019N	094W	13	NE1/4NW1/4	0	50.0	41.62878	-107.94197
P107542W	09/18/1997	Complete	BP America Production Co.	MON	019N	094W	13	NW1/4NW1/4	0	50.0	41.62880	-107.94683
P107543W	09/18/1997	Complete	BP America Production Co.	MON	019N	094W	13	NW1/4NW1/4	0	50.0	41.62880	-107.94683
P107544W	09/18/1997	Complete	BP America Production Co.	MON	019N	094W	13	NW1/4NW1/4	0	50.0	41.62880	-107.94683
P107545W	09/18/1997	Complete	BP America Production Co.	MON	019N	094W	13	NW1/4NW1/4	0	50.0	41.62880	-107.94683
P91787W	05/21/1993	--	BP America Production Co.	MON	019N	094W	14	SW1/4NE1/4	0	113.0	41.62512	-107.95644
P91788W	05/21/1993	--	BP America Production Co.	MON	019N	094W	14	NW1/4NE1/4	0	96.0	41.62873	-107.95643
P91789W	05/21/1993	--	BP America Production Co.	MON	019N	094W	14	NE1/4NE1/4	0	--	41.62878	-107.95164
P95594W	05/26/1994	Complete	BP America Production Co.	MON	019N	094W	14	NE1/4NE1/4	0	84.0	41.62878	-107.95164
P95595W	05/26/1994	Complete	BP America Production Co.	MON	019N	094W	14	NW1/4NE1/4	0	84.0	41.62873	-107.95643
P95596W	05/26/1994	Complete	BP America Production Co.	MON	019N	094W	14	NE1/4NE1/4	0	75.0	41.62878	-107.95164
P173453W	02/28/2006	--	BP America Production Co.	MIS	019N	094W	16	SE1/4SE1/4	100	--	41.61759	-107.99011
P54034W	10/06/1980	Complete	BP America Production Co.	STK	019N	094W	16	SW1/4NW1/4	2	6.0	41.62475	-108.00450
P54035W	10/06/1980	Complete	BP America Production Co.	STK	019N	094W	16	SW1/4SW1/4	1	6.0	41.61753	-108.00451
P98187W	01/10/1995	Complete	BP America Production Co.	STK	019N	094W	16	SW1/4NE1/4	25	1,000.0	41.62479	-107.99490
P34378W	05/12/1976	Complete	BP America Production Co.	STK	019N	094W	19	SE1/4NE1/4	10	500.0	41.61020	-108.02835
P173331W	03/02/2006	--	BP America Production Co.	MIS	019N	094W	23	SW1/4SW1/4	250	--	41.60321	-107.96597
P193315W	06/18/2010	Incomplete	BP America Production Co.	MIS	019N	094W	23	NW1/4SW1/4	50	300.0	41.60552	-107.96403
P71927W	02/03/1986	Complete	BP America Production Co.	STK	019N	094W	23	NW1/4SW1/4	10	340.0	41.60685	-107.96598
P188949W	09/19/2008	Fully Adjudicated	BP America Production Co.	MIS	019N	094W	31	SE1/4SW1/4	50	--	41.57355	-108.03809
P17496P	10/26/1967	Complete	BP America Production Co.	STK	019N	094W	34	SW1/4SW1/4	5	306.0	41.57424	-107.98515

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P26024W	02/27/1974	--	BP America Production Co.	DOM; IRR	019N	095W	1	NW1/4NW1/4	10	300.0	41.65726	-108.06221
P146658W	08/30/2002	Complete	BP America Production Co.	MON	019N	095W	4	SE1/4NW1/4	0	37.0	41.65344	-108.11499
P14942W	07/10/1972	Fully Adjudicated	BP America Production Co.	MIS	019N	095W	4	SW1/4NW1/4	9.5	210.0	41.65341	-108.11977
P110553W	06/15/1998	--	BP America Production Co.	DOM; STK	019N	095W	5	NE1/4NE1/4	25	--	41.65702	-108.12459
P146664W	08/30/2002	Complete	BP America Production Co.	MON	019N	095W	5	SE1/4NE1/4	0	57.0	41.65338	-108.12457
P6209W	07/29/1970	Complete	BP America Production Co.	DOM	019N	095W	5	SE1/4NE1/4	10	400.0	41.65338	-108.12457
P84281W	01/15/1991	Complete	BP America Production Co.	MON	019N	095W	5	SE1/4NE1/4	0	49.5	41.65338	-108.12457
P84282W	01/15/1991	Complete	BP America Production Co.	MON	019N	095W	5	SE1/4NE1/4	0	52.0	41.65338	-108.12457
P84283W	01/15/1991	Complete	BP America Production Co.	MON	019N	095W	5	SE1/4NE1/4	0	48.1	41.65338	-108.12457
P183453W	09/05/2007	Incomplete	BP America Production Co.	MIS	019N	095W	6	SE1/4SE1/4	25	--	41.64603	-108.14376
P183454W	09/05/2007	Incomplete	BP America Production Co.	MIS	019N	095W	6	SE1/4SE1/4	50	--	41.64603	-108.14376
P183455W	09/05/2007	Incomplete	BP America Production Co.	MIS	019N	095W	6	SE1/4SE1/4	75	--	41.64603	-108.14376
P38913W	06/28/1977	Complete	BP America Production Co.	DOM	019N	095W	6	SE1/4NW1/4	10	87.0	41.65322	-108.15347
P39016W	06/20/1977	Complete	BP America Production Co.	DOM	019N	095W	6	SW1/4SE1/4	12.1	120.0	41.64602	-108.14857
P43515W	05/24/1978	Complete	BP America Production Co.	DOM	019N	095W	6	SW1/4NW1/4	12	100.0	41.65320	-108.15869
P49641W	08/27/1979	Complete	BP America Production Co.	DOM	019N	095W	6	NE1/4SE1/4	20	100.0	41.64964	-108.14380
P51482W	03/11/1980	Complete	BP America Production Co.	DOM; STK	019N	095W	6	SW1/4NW1/4	20	875.0	41.65320	-108.15869
P65306W	08/16/1983	Complete	BP America Production Co.	DOM	019N	095W	6	NE1/4NW1/4	10	120.0	41.65684	-108.15352
P70476W	06/13/1985	Complete	BP America Production Co.	DOM	019N	095W	6	NE1/4NE1/4	25	135.0	41.65688	-108.14388
P189613W	01/07/2009	Complete	BP America Production Co.	MIS	019N	095W	11	SE1/4SW1/4	75	--	41.63139	-108.07661
P33378W	05/12/1976	Complete	BP America Production Co.	STK	019N	095W	11	NE1/4NE1/4	15	500.0	41.64275	-108.06718
P132358W	01/29/2001	--	BP America Production Co.	MIS	019N	095W	13	NE1/4SE1/4	0	--	41.62114	-108.04767
P173455W	02/28/2006	--	BP America Production Co.	MIS; STK	019N	095W	13	NE1/4SE1/4	100	1,160.0	41.62114	-108.04767
P152925W	08/07/2003	--	BP America Production Co.	MIS	019N	095W	21	NE1/4SW1/4	85	920.0	41.60652	-108.11480
P188948W	09/18/2008	Complete	BP America Production Co.	MIS	019N	095W	21	NE1/4SW1/4	150	--	41.60601	-108.11478
P17492W	12/20/1972	Complete	BP America Production Co.	STK	019N	095W	22	SE1/4NW1/4	5	445.0	41.61023	-108.09540
P17497P	10/26/1967	Complete	BP America Production Co.	STK	019N	095W	24	SE1/4SE1/4	5	300.0	41.60302	-108.04763
P168155W	06/08/2005	--	BP America Production Co.	DOM	019N	096W	1	NE1/4NW1/4	25	--	41.65683	-108.17359
P181365W	05/08/2007	--	BP America Production Co.	DOM	019N	096W	1	NW1/4SW1/4	25	--	41.64966	-108.17828
P56977W	06/02/1981	Complete	BP America Production Co.	DOM	019N	096W	1	SW1/4NW1/4	15	150.0	41.65327	-108.17833
P60980W	04/16/1982	Complete	BP America Production Co.	DOM	019N	096W	1	NW1/4NE1/4	10	148.0	41.65682	-108.16877
P34809W	08/19/1976	Complete	BP America Production Co.	DOM	019N	096W	2	NW1/4SE1/4	12	220.0	41.64966	-108.18782
P37180W	03/17/1977	--	BP America Production Co.	MIS	019N	096W	2	NW1/4SE1/4	20	300.0	41.64966	-108.18782
P59057W	09/24/1981	Complete	BP America Production Co.	STK	019N	096W	2	NE1/4NE1/4	25	500.0	41.65685	-108.18320
P80506W	08/17/1989	Complete	BP America Production Co.	DOM	019N	096W	2	NE1/4NE1/4	0	500.0	41.65685	-108.18320
P84603W	03/12/1991	Complete	BP America Production Co.	DOM; STK	019N	096W	2	NE1/4NE1/4	20	500.0	41.65685	-108.18320
P40865W	11/10/1977	Fully Adjudicated	BP America Production Co.	MIS	019N	096W	7	NW1/4NE1/4	5	400.0	41.64244	-108.26468
P66930W	04/09/1984	Fully Adjudicated	BP America Production Co.	MIS	019N	096W	7	NW1/4NE1/4	0	400.0	41.64244	-108.26468
P153420W	08/20/2003	Complete	BP America Production Co.	STK	019N	096W	13	SE1/4NW1/4	10	405.0	41.62432	-108.17332
P63763W	03/03/1983	Complete	BP America Production Co.	STK	019N	096W	15	NW1/4NW1/4	20	580.0	41.62803	-108.21641

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P32764W	04/02/1976	Complete	BP America Production Co.	STK	019N	096W	17	SW1/4NW1/4	3	500.0	41.62441	-108.25507
P9626W	07/01/1971	Complete	BP America Production Co.	DOM	019N	096W	18	NW1/4NE1/4	7	380.0	41.62800	-108.26474
P9627W	07/01/1971	Complete	BP America Production Co.	DOM	019N	096W	18	SE1/4NW1/4	8	455.0	41.62439	-108.26954
P50799W	12/19/1979	Complete	BP America Production Co.	STK	019N	096W	19	NE1/4SE1/4	3	300.0	41.60624	-108.25986
P189644W	01/15/2009	Incomplete	BP America Production Co.	MIS	019N	096W	20	SE1/4SE1/4	0		41.60208	-108.24060
P50385W	10/22/1979	Complete	BP America Production Co.	STK	019N	096W	21	NE1/4SE1/4	12	260.0	41.60631	-108.22127
P61410W	07/19/1982	Complete	BP America Production Co.	STK	019N	096W	23	SE1/4SW1/4	5	240.0	41.60269	-108.19239
P48828W	06/27/1979	Complete	BP America Production Co.	STK	019N	096W	31	NE1/NE1/4	2	220.0	41.58453	-108.25985
P69128W	12/06/1984	Complete	BP America Production Co.	STK	019N	097W	1	NE1/4SW1/4	25	550.0	41.65064	-108.28468
P11767P	07/31/1964	Complete	BP America Production Co.	DOM; STK	019N	097W	3	NE1/4SE1/4	25	840.0	41.65068	-108.31368
P111931W	09/30/1998	Incomplete	BP America Production Co.	MIS	019N	097W	4	SW1/4SW1/4	60	1,060.0	41.64711	-108.34749
P11766P	07/31/1964	Complete	BP America Production Co.	DOM; STK	019N	097W	11	NW1/4SW1/4	25	900.0	41.63620	-108.30888
P50388W	10/22/1979	Complete	BP America Production Co.	STK	019N	097W	13	NE1/4SE1/4	5	420.0	--	--
P158802W	04/30/2004	Complete	BP America Production Co.	STK	019N	097W	14	NE1/4NW1/4	12	500.0	41.62862	-108.30409
P150183W	03/10/2003	Incomplete	BP America Production Co.	MIS	019N	097W	19	NW1/4SW1/4	80	540.0	41.60741	-108.38609
P194161W	10/13/2010	Incomplete	BP America Production Co.	IND	019N	097W	19	SE1/4SE1/4	80	--	41.60328	-108.37159
P194162W	10/13/2010	Incomplete	BP America Production Co.	IND	019N	097W	19	NW1/4SE1/4	85	--	41.60685	-108.37648
P194163W	10/13/2010	Incomplete	BP America Production Co.	IND	019N	097W	19	SE1/4NE1/4	80	--	41.61048	-108.37159
P50387W	10/22/1979	Complete	BP America Production Co.	STK	019N	097W	19	SW1/4NE1/4	10	200.0	41.61101	-108.37645
P9630W	07/01/1971	Complete	BP America Production Co.	DOM	019N	097W	19	NW1/4NW1/4	5	270.0	41.61466	-108.38608
P74518W	04/23/1987	Complete	BP America Production Co.	STK	019N	097W	21	SE1/4NE1/4	2	380.0	41.61091	-108.33303
P142883W	02/26/2002	Complete	BP America Production Co.	STK	019N	097W	25	NE1/4NE1/4	3	500.0	--	--
P163777W	11/17/2004	--	BP America Production Co.	MON	019N	098W	22	SE1/4NE1/4	0	45.5	41.61104	-108.42951
P148445W	12/11/2002	Complete	BP America Production Co.	MON	019N	098W	23	SW1/4NW1/4	0	25.0	41.61104	-108.42469
P148446W	12/11/2002	Complete	BP America Production Co.	MON	019N	098W	23	SW1/4NE1/4	0	35.0	41.61104	-108.41504
P148447W	12/11/2002	Complete	BP America Production Co.	MON	019N	098W	23	NW1/4SE1/4	0	35.0	41.60742	-108.41504
P148448W	12/11/2002	Complete	BP America Production Co.	MON	019N	098W	23	NE1/4SW1/4	0	27.0	41.60742	-108.41986
P148449W	12/11/2002	Complete	BP America Production Co.	MON	019N	098W	23	SE1/4NW1/4	0	35.0	41.61104	-108.41986
P163770W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	SW1/4NE1/4	0	49.5	41.61104	-108.41504
P163771W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	NE1/4NE1/4	0	64.5	41.61466	-108.41021
P163772W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	NW1/4NE1/4	0	48.5	41.61466	-108.41504
P163773W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	SE1/4NW1/4	0	49.0	41.61104	-108.41986
P163774W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	NE1/4NW1/4	0	38.4	41.61466	-108.41986
P163775W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	NW1/4NE1/4	0	43.5	41.61466	-108.41504
P163776W	11/17/2004	--	BP America Production Co.	MON	019N	098W	23	SW1/4NE1/4	0	49.5	41.61104	-108.41504
P169635W	09/06/2005	Unadjudicated	BP America Production Co.	MIS; MIS; MIS	019N	098W	23	SE1/4NW1/4	60	620.0	41.61059	-108.41986
P34816W	08/23/1976	Fully Adjudicated	BP America Production Co.	IND; MIS	019N	098W	23	SW1/4NE1/4	50	601.0	41.61104	-108.41504
P37252W	03/31/1977	Fully Adjudicated	BP America Production Co.	MIS	019N	098W	23	NW1/4SE1/4	30	603.0	41.60742	-108.41504
P52803W	06/25/1980	Fully Adjudicated	BP America Production Co.	IND	019N	098W	23	SW1/4NE1/4	50	610.0	41.61104	-108.41504
P59378W	01/04/1982	Fully Adjudicated	BP America Production Co.	IND	019N	098W	23	SW1/4NE1/4	55	634.0	41.61104	-108.41504

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P64759W	04/01/1983		BP America Production Co.	MIS	019N	098W	23	SW1/4NE1/4	0	601.0	41.61104	-108.41504
P64760W	04/01/1983	Fully Adjudicated	BP America Production Co.	MIS	019N	098W	23	NW1/4SE1/4	0	603.0	41.60742	-108.41504
P64762W	04/01/1983	Fully Adjudicated	BP America Production Co.	MIS	019N	098W	23	SW1/4NE1/4	0	610.0	41.61104	-108.41504
P64763W	04/01/1983	Fully Adjudicated	BP America Production Co.	MIS	019N	098W	23	SW1/4NE1/4	0	634.0	41.61104	-108.41504
CR UW04/206	08/23/1976	--	BP America Production Co.	IND	019N	098W	23	SW1/4NE1/4	50	--	41.61104	-108.41504
CR UW04/207	03/31/1977	--	BP America Production Co.	IND	019N	098W	23	NW1/4SE1/4	30	--	41.60742	-108.41504
CR UW04/208	08/23/1976	--	BP America Production Co.	IND	019N	098W	23	NE1/4SW1/4	50	--	41.60742	-108.41986
CR UW04/212	06/25/1980	--	BP America Production Co.	IND	019N	098W	23	SW1/4NE1/4	50	--	41.61104	-108.41504
CR UW05/141	01/04/1982	--	BP America Production Co.	IND	019N	098W	23	SW1/4NE1/4	55	--	41.61104	-108.41504
P74517W	04/23/1987	Complete	BP America Production Co.	STK	019N	098W	33	NW1/4NW1/4	5	340.0	41.58574	-108.46324
P38641W	07/05/1977	Complete	BP America Production Co.	STK	019N	098W	35	NW1/4NE1/4	10	350.0	41.58569	-108.41504
P108008W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	32.0	41.59304	-108.51101
P108009W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P108010W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	28.0	41.59304	-108.51101
P108011W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P108012W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	21.0	41.59304	-108.51101
P108013W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	36.0	41.59303	-108.50619
P108014W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	35.0	41.59303	-108.50619
P108015W	11/03/1997	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	62.0	41.59303	-108.50619
P113569W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P113570W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	50.0	41.58942	-108.51102
P113571W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	28.0	41.58942	-108.51102
P113572W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	40.0	41.58942	-108.51102
P113573W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	45.0	41.58942	-108.51102
P113574W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P113575W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P113576W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	25.0	41.58942	-108.51102
P113577W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	55.0	41.58942	-108.51102
P113578W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	31.0	41.58942	-108.51102
P113579W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	20.0	41.58942	-108.51102
P113580W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	28.0	41.58942	-108.51102
P113589W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	50.0	41.58942	-108.51102
P113590W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	27.5	41.58942	-108.51102
P113592W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	40.0	41.58942	-108.51102
P113596W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P113597W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	20.0	41.58942	-108.51102
P113598W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P113599W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	35.0	41.58942	-108.51102
P113600W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	33.0	41.58942	-108.51102
P113601W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	50.0	41.58942	-108.51102

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P113603W	01/20/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	50.0	41.58942	-108.51102
P116942W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	22.0	41.58942	-108.51102
P116943W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	22.0	41.58942	-108.51102
P116944W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116945W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116946W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116947W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116948W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116949W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	28.5	41.58942	-108.51102
P116950W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	20.0	41.59304	-108.51101
P116951W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	23.0	41.58942	-108.51102
P116952W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P116953W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	35.0	41.58942	-108.51102
P116954W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	30.0	41.58942	-108.51102
P116955W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	31.0	41.58942	-108.51102
P116956W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	27.0	41.58942	-108.51102
P116957W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	21.0	41.58942	-108.51102
P116958W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	22.0	41.58942	-108.51102
P116959W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	20.0	41.58942	-108.51102
P116960W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	26.5	41.58942	-108.51102
P116961W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	25.0	41.59303	-108.50619
P116962W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	26.0	41.59303	-108.50619
P116963W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116964W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	55.0	41.59304	-108.51101
P116965W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	21.0	41.59304	-108.51101
P116966W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116968W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116969W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116970W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116971W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4NE1/4	0	30.0	41.59666	-108.51101
P116972W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4NE1/4	0	81.0	41.59665	-108.50619
P116973W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	31.0	41.59304	-108.51101
P116974W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	30.0	41.59304	-108.51101
P116975W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	45.0	41.58942	-108.51102
P116976W	07/06/1999	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	55.0	41.58942	-108.51102
P126180W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	25.0	41.58941	-108.50620
P126181W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	40.0	41.58942	-108.51102
P126182W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	45.0	41.58941	-108.50620
P126183W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	46.0	41.58942	-108.51102
P126184W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	22.0	41.58941	-108.50620

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P126185W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	26.0	41.58941	-108.50620
P126186W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	40.0	41.58941	-108.50620
P126187W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	30.0	41.58941	-108.50620
P126188W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	NE1/4SE1/4	0	48.0	41.59303	-108.50619
P126189W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SE1/4	0	48.0	41.58942	-108.51102
P126190W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	52.0	41.58941	-108.50620
P126191W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	60.0	41.58941	-108.50620
P126192W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	65.0	41.58941	-108.50620
P126193W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	57.0	41.58941	-108.50620
P126194W	06/09/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	32.0	41.58941	-108.50620
P127532W	08/03/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	26.0	41.58941	-108.50620
P128402W	08/21/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	51.0	41.58941	-108.50620
P128403W	08/21/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	51.0	41.58941	-108.50620
P128404W	08/21/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	39.0	41.58941	-108.50620
P128405W	08/21/2000	Complete	BP America Production Co.	MON	019N	099W	25	SE1/4SE1/4	0	37.0	41.58941	-108.50620
P138366W	08/22/2001	Complete	BP America Production Co.	MON	019N	099W	25	SW1/4SW1/4	0	22.7	41.58943	-108.52066
P160772W	06/21/2004	--	BP America Production Co.	IND; MIS	019N	099W	25	SW1/4SE1/4	50	--	41.58942	-108.51102
P86107W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	56.0	41.59304	-108.51101
P86109W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	60.0	41.59304	-108.51101
P86110W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	50.0	41.59304	-108.51101
P86111W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	50.0	41.59304	-108.51101
P86112W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	60.0	41.59304	-108.51101
P86113W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	50.0	41.59304	-108.51101
P86114W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	60.0	41.59304	-108.51101
P86115W	09/12/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	57.6	41.59304	-108.51101
P86703W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	60.0	41.59304	-108.51101
P86704W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	60.0	41.59304	-108.51101
P86705W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	46.0	41.59304	-108.51101
P86706W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	19.0	41.59304	-108.51101
P86707W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	40.0	41.59304	-108.51101
P86708W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	59.0	41.59304	-108.51101
P86709W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	31.0	41.59304	-108.51101
P86710W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	35.0	41.59304	-108.51101
P86711W	12/05/1991	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	57.0	41.59304	-108.51101
P95232W	04/20/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	58.0	41.59304	-108.51101
P95233W	04/20/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	78.0	41.59304	-108.51101
P95234W	04/20/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	44.0	41.59304	-108.51101
P95235W	04/20/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	66.0	41.59304	-108.51101
P95307W	05/02/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	31.5	41.59304	-108.51101
P95308W	05/02/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	58.0	41.59304	-108.51101

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P95309W	05/02/1994	Complete	BP America Production Co.	MON	019N	099W	25	NW1/4SE1/4	0	39.0	41.59304	-108.51101
P129945W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	21.0	41.58579	-108.51102
P129946W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	21.0	41.58579	-108.51102
P129947W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	40.0	41.58579	-108.51102
P129948W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	21.0	41.58579	-108.51102
P129949W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	20.0	41.58579	-108.51102
P129950W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	20.0	41.58579	-108.51102
P129951W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	21.0	41.58579	-108.51102
P129952W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	30.0	41.58579	-108.51102
P129953W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	45.0	41.58579	-108.51102
P129954W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	20.0	41.58579	-108.51102
P129955W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	21.0	41.58579	-108.51102
P129956W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	29.0	41.58579	-108.51102
P129957W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	93.0	41.58579	-108.51102
P129958W	10/12/2000	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	48.0	41.58579	-108.51102
P138367W	08/22/2001	Complete	BP America Production Co.	MON	019N	099W	36	SW1/4NE1/4	0	24.4	41.58217	-108.51102
P138368W	08/22/2001	Complete	BP America Production Co.	MON	019N	099W	36	NW1/4NE1/4	0	16.3	41.58579	-108.51102
P146198W	07/30/2002	Complete	BP America Production Co.	MON	019N	099W	36	NE1/4NW1/4	0	27.3	41.58580	-108.51584
P146199W	07/30/2002	Complete	BP America Production Co.	MON	019N	099W	36	SE1/4NE1/4	0	25.3	41.58217	-108.50620
P146200W	07/30/2002	Complete	BP America Production Co.	MON	019N	099W	36	SE1/4NW1/4	0	25.3	41.58218	-108.51584
P39826W	07/15/1977	Complete	BP America Production Co.	STK	020N	090W	31	SW1/4NW1/4	5	150.0	41.66637	-107.58390
P17376P	06/30/1966	Complete	BP America Production Co.	STK	020N	090W	34	NW1/4NE1/4	5	300.0	41.66994	-107.51686
P39827W	07/15/1977	Complete	BP America Production Co.	STK	020N	090W	34	SW1/4NE1/4	5	260.0	41.66633	-107.51683
P6414P	05/31/1963	Complete	BP America Production Co.	DOM; STK	020N	091W	18	NE1/4SW1/4	7.5	180.0	41.70701	-107.69469
P99499W	06/09/1995	Complete	BP America Production Co.	STK	020N	091W	18	SW1/4SW1/4	20	237.0	41.70350	-107.69893
P111868W	09/21/1998	Complete	BP America Production Co.	STK	020N	091W	19	SE1/4NE1/4	4	190.0	41.69614	-107.68502
P53645W	09/02/1980	Complete	BP America Production Co.	MON	020N	091W	19	SE1/4NW1/4	0	50.0	41.69624	-107.69464
P6412P	05/31/1963	Complete	BP America Production Co.	STK	020N	091W	21	NW1/4SE1/4	7.5	240.0	41.69236	-107.65142
P111869W	09/21/1998	Complete	BP America Production Co.	STK	020N	091W	23	NW1/4SE1/4	4	280.0	41.69188	-107.61301
P6420P	05/31/1963	Complete	BP America Production Co.	STK	020N	091W	33	NE1/4NW1/4	7.5	105.0	41.67067	-107.65615
P6413P	05/31/1962	Complete	BP America Production Co.	STK	020N	091W	35	SW1/4NE1/4	7.5	270.0	41.66663	-107.61281
P142885W	02/26/2002	--	BP America Production Co.	STK	020N	092W	1	SW1/4NW1/4	25	220.0	41.73930	-107.71773
P129280W	09/25/2000	Complete	BP America Production Co.	STK	020N	092W	7	NW1/4NE1/4	25	500.0	41.72892	-107.80424
P14185W	06/01/1972	--	BP America Production Co.	MIS	020N	092W	11	SW1/4NW1/4	25	--	41.72535	-107.73693
P82127W	04/09/1990	Incomplete	BP America Production Co.	MIS	020N	092W	11	SW1/4NE1/4	15	240.0	41.72528	-107.72734
P38499W	06/30/1977	Fully Adjudicated	BP America Production Co.	MIS	020N	092W	15	SW1/4SW1/4	5	265.0	41.70365	-107.75622
P40245W	08/30/1977	Fully Adjudicated	BP America Production Co.	MIS	020N	092W	15	SW1/4SW1/4	5	265.0	41.70365	-107.75622
P50797W	12/19/1979	Complete	BP America Production Co.	STK	020N	092W	19	NE1/4NE1/4	10	--	41.70001	-107.79934
P183655W	10/25/2007	--	BP America Production Co.	MIS	020N	092W	20	NW1/4NW1/4	100	--	41.70000	-107.79453
P53634W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	25	NW1/4SW1/4	0	90.0	41.67825	-107.71764

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P53680W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	25	NW1/4SW1/4	0	140.0	41.67825	-107.71764
P53693W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	25	NW1/4SW1/4	0	230.0	41.67825	-107.71764
P53698W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	25	NW1/4SW1/4	0	86.0	41.67825	-107.71764
P53699W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	25	NW1/4SW1/4	0	170.0	41.67825	-107.71764
P53638W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	27	SE1/4SE1/4	0	378.0	41.67465	-107.74161
P53689W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	27	SE1/4SE1/4	0	130.0	41.67465	-107.74161
P53690W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	27	SE1/4SE1/4	0	158.0	41.67465	-107.74161
P53691W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	27	SE1/4SE1/4	0	302.0	41.67465	-107.74161
P53695W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	27	SE1/4SE1/4	0	464.0	41.67465	-107.74161
P53669W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	33	SE1/4SE1/4	0	232.0	41.66023	-107.76081
P53671W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	33	SE1/4SE1/4	0	87.0	41.66023	-107.76081
P53648W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	35	SW1/4SE1/4	0	145.0	41.66021	-107.72707
P53688W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	35	SW1/4SE1/4	0	203.0	41.66021	-107.72707
P53692W	09/02/1980	Complete	BP America Production Co.	MON	020N	092W	35	SW1/4SE1/4	0	95.0	41.66021	-107.72707
P191918W	12/04/2009	Incomplete	BP America Production Co.	MON	020N	093W	1	SE1/4NE1/4	0	--	41.73861	-107.81998
P96912W	09/01/1994	--	BP America Production Co.	MIS	020N	093W	4	SW1/4SW1/4		--	41.73280	-107.88999
P193634W	05/28/2010	Complete	BP America Production Co.	STK	020N	093W	5	SE1/4SW1/4	10	685.0	41.73453	-107.90623
P63761W	03/03/1983	Complete	BP America Production Co.	STK	020N	093W	13	NW1/4SW1/4	10	620.0	41.70725	-107.83191
P170571W	10/04/2005	--	BP America Production Co.	MIS	020N	093W	20	SE1/4NE1/4	150	--	41.69689	-107.89452
P18226P	09/15/1965	Complete	BP America Production Co.	STK	020N	093W	20	NW1/4NW1/4	15	-1.0	41.70060	-107.90911
P194472W	12/02/2010	Complete	BP America Production Co.	MIS	020N	093W	21	SE1/4SW1/4	50	660.0	41.69121	-107.88686
P50389W	10/22/1979	Complete	BP America Production Co.	STK	020N	093W	23	SE1/4NE1/4	2	250.0	41.69645	-107.83653
P178317W	09/07/2006	Complete	BP America Production Co.	MIS	020N	093W	25	SE1/4SW1/4	50	640.0	41.67479	-107.82703
P192145W	02/04/2010	Complete	BP America Production Co.	MIS	020N	093W	25	SE1/4SW1/4	50	640.0	41.67645	-107.82867
P152042W	06/05/2003	--	BP America Production Co.	MIS	020N	093W	27	SW1/4SW1/4	200	--	41.67519	-107.87026
P50798W	12/19/1979	Complete	BP America Production Co.	STK	020N	093W	29	NE1/4SE1/4	5	300.0	41.67894	-107.89399
P183319W	07/18/2007	--	BP America Production Co.	STK	020N	093W	31	NE1/4SW1/4	25	--	41.66492	-107.92337
P50390W	10/22/1979	Complete	BP America Production Co.	STK	020N	093W	35	NE1/4NE1/4	15	350.0	41.67126	-107.83666
P139579W	07/03/2001	--	BP America Production Co.	MIS	020N	094W	7	SW1/4NE1/4	0	700.0	41.72605	-108.03318
P164756W	01/25/2005	Complete	BP America Production Co.	MIS	020N	094W	7	SW1/4NE1/4	50	700.0	41.72609	-108.03309
P94775W	03/24/1994	Incomplete	BP America Production Co.	MIS; STK	020N	094W	7	SE1/4SE1/4	60	10,021.0	41.71887	-108.02835
P14750W	07/21/1972	Complete	BP America Production Co.	STK	020N	094W	8	NW1/4SW1/4	10	300.0	41.72252	-108.02354
P184333W	12/17/2007	Incomplete	BP America Production Co.	MIS	020N	094W	9	NW1/4SE1/4	50	--	41.72291	-107.99400
P59219W	01/05/1982	Complete	BP America Production Co.	STK	020N	094W	9	NW1/4SE1/4	15	740.0	41.72262	-107.99482
P29065W	01/29/1975	Complete	BP America Production Co.	STK	020N	094W	11	SW1/4SE1/4	10	500.0	41.71905	-107.95634
P263W	11/12/1959	Complete	BP America Production Co.	STK	020N	094W	15	SE1/4SE1/4	28	810.0	41.70461	-107.97081
P193303W	06/23/2010	Complete	BP America Production Co.	MIS	020N	094W	17	SE1/4NE1/4	50	800.0	41.71352	-108.01101
P7544P	12/31/1929	Complete	BP America Production Co.	STK	020N	094W	19	NW1/4SE1/4	15	100.0	41.69344	-108.03321
P189036W	10/07/2008	Fully Adjudicated	BP America Production Co.	MIS	020N	094W	20	SE1/4NW1/4	50	-	41.69672	-108.01887
P102711W	05/16/1996	Complete	BP America Production Co.	STK	020N	094W	22	NW1/4SW1/4	15	400.0	41.69373	-107.98537

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P113188W	11/25/1998	Complete	BP America Production Co.	MUN	020N	094W	22	SE1/4SW1/4	250	--	41.69014	-107.98053
P186502W	04/21/2008	Incomplete	BP America Production Co.	TST	020N	094W	22	NE1/4SW1/4	0	--	41.69328	-107.98050
P192719W	10/21/2009	Incomplete	BP America Production Co.	MUN	020N	094W	22	NE1/4SW1/4	400	--	41.69373	-107.98048
P7545P	03/23/1963	Complete	BP America Production Co.	STK	020N	094W	22	NW1/4SW1/4	10	240.0	41.69373	-107.98537
P35724W	12/17/1976	Complete	BP America Production Co.	STK	020N	094W	24	NW1/4SW1/4	6	500.0	41.69382	-107.94668
P132296W	01/19/2001	--	BP America Production Co.	MON	020N	094W	27	SE1/4SW1/4	0	-1.0	41.67557	-107.98054
P146655W	08/30/2002	Complete	BP America Production Co.	MON	020N	094W	27	SW1/4SE1/4	0	78.0	41.67559	-107.97569
P146657W	08/30/2002	Complete	BP America Production Co.	MON	020N	094W	27	NW1/4SW1/4	0	66.0	41.67919	-107.98538
P189429W	11/13/2008	Incomplete	BP America Production Co.	MIS	020N	094W	27	NE1/4NE1/4	75	--	41.68610	-107.97085
P192718W	10/02/2009	Incomplete	BP America Production Co.	MUN	020N	094W	27	NE1/4NE1/4	200	--	41.68604	-107.97095
P15644W	08/28/1972	Complete	BP America Production Co.	STK	020N	094W	30	SW1/4SE1/4	10	400.0	41.67538	-108.03312
P181641W	06/07/2007	Unadjudicated	BP America Production Co.	MIS	020N	094W	32	SW1/4NW1/4	40	--	41.66944	-108.02279
P59218W	01/05/1982	Complete	BP America Production Co.	STK	020N	094W	33	SE1/4NW1/4	12	360.0	41.66832	-107.99965
P117C	12/31/1898	Incomplete	BP America Production Co.	--	020N	094W	34	NE1/4NE1/4	20	1,590.0	41.67200	-107.97086
P118C	05/04/1902	Incomplete	BP America Production Co.	MUN	020N	094W	34	SW1/4NE1/4	10	1,365.0	41.66837	-107.97568
P119C	01/15/1912	Incomplete	BP America Production Co.	MUN	020N	094W	34	NW1/4NE1/4	15	1,905.0	41.67197	-107.97569
P120C	08/20/1921	Incomplete	BP America Production Co.	MUN	020N	094W	34	NW1/4NE1/4	67	1,801.0	41.67197	-107.97569
P132295W	01/19/2001	--	BP America Production Co.	MON	020N	094W	34	NE1/4NW1/4	0	-1.0	41.67194	-107.98052
P132297W	01/19/2001	--	BP America Production Co.	MON	020N	094W	34	NE1/4NW1/4	0	-1.0	41.67194	-107.98052
P146654W	08/30/2002	Complete	BP America Production Co.	MON	020N	094W	34	NE1/4NW1/4	0	81.0	41.67194	-107.98052
P150263W	04/02/2003	--	BP America Production Co.	MIS	020N	094W	34	NE1/4NE1/4	100	--	41.67200	-107.97086
P17024P	10/24/1958	Complete	BP America Production Co.	DOM	020N	094W	34	NE1/4NW1/4	20	1,045.0	41.67194	-107.98052
P177859W	09/19/2006	Complete	BP America Production Co.	MIS; STK	020N	094W	34	NW1/4SE1/4	80	1,020.0	41.66477	-107.97566
P41724W	02/06/1978	Fully Adjudicated	BP America Production Co.	MIS	020N	094W	34	NE1/4SE1/4	100	1,040.0	41.66479	-107.97085
P47788W	05/02/1979	--	BP America Production Co.	MIS	020N	094W	34	SE1/4SE1/4	50	1,020.0	41.66119	-107.97085
P48097W	05/02/1979	Incomplete	BP America Production Co.	MIS	020N	094W	34	NE1/4SE1/4	46	1,020.0	41.66479	-107.97085
P49765W	08/13/1979	Incomplete	BP America Production Co.	MIS	020N	094W	34	SE1/4SE1/4	20	1,040.0	41.66119	-107.97085
P52858W	07/01/1980	Fully Adjudicated	BP America Production Co.	DOM; MIS	020N	094W	34	SE1/4SE1/4	10	660.0	41.66119	-107.97085
P56206W	06/08/1979		BP America Production Co.	DOM; MIS	020N	094W	34	SE1/4SE1/4	60	1,035.0	41.66119	-107.97085
P60649W	11/30/1981	Fully Adjudicated	BP America Production Co.	MIS	020N	094W	34	SW1/4SE1/4	150	1,100.0	41.66117	-107.97565
P695W	03/28/1961	--	BP America Production Co.	DOM; IND; IRR; MIS	020N	094W	34	NW1/4NW1/4	250	1,046.0	41.67192	-107.98536
P70302W	02/28/1985	--	BP America Production Co.	DOM; MIS	020N	094W	34	NE1/4SE1/4	25	1,180.0	41.66479	-107.97085
P84596W	06/29/1988	Incomplete	BP America Production Co.	MIS	020N	094W	34	NE1/4SE1/4	150	1,000.0	41.66479	-107.97085
P86244W	03/11/1991	Incomplete	BP America Production Co.	MIS	020N	094W	34	NE1/4SE1/4	25	1,180.0	41.66479	-107.97085
P97699W	11/03/1994	Complete	BP America Production Co.	MON	020N	094W	34	SE1/4SE1/4	0	25.0	41.66119	-107.97085
P97700W	11/03/1994	Complete	BP America Production Co.	MON	020N	094W	34	SE1/4SE1/4	0	25.0	41.66119	-107.97085
P97701W	11/03/1994	Complete	BP America Production Co.	MON	020N	094W	34	SE1/4SE1/4	0	25.0	41.66119	-107.97085
P97702W	11/03/1994	Complete	BP America Production Co.	MON	020N	094W	34	SE1/4SE1/4	0	25.0	41.66119	-107.97085
P97703W	11/03/1994	Complete	BP America Production Co.	MON	020N	094W	34	SE1/4SE1/4	0	30.0	41.66119	-107.97085
CR UW04/213	07/01/1980	--	BP America Production Co.	DOM; MIS	020N	094W	34	SE1/4SE1/4	10	--	41.66119	-107.97085

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P173330W	03/02/2006	--	BP America Production Co.	MIS	020N	094W	35	NW1/4NW1/4	150	--	41.67201	-107.96603
P188087W	07/30/2008	Incomplete	BP America Production Co.	MIS; MIS	020N	094W	35	SE1/4NW1/4	175	--	41.66886	-107.96122
P189201W	10/15/2008	Incomplete	BP America Production Co.	MIS	020N	095W	7	SW1/4NE1/4	50	700.0	41.72443	-108.14947
P55030W	11/26/1980	--	BP America Production Co.	DOM	020N	095W	7	SW1/4NE1/4	25	140.0	41.72558	-108.14890
P144149W	04/23/2002	Complete	BP America Production Co.	DOM; STK	020N	095W	8	NW1/4SE1/4	14	210.0	41.72218	-108.12953
P144331W	05/06/2002	Complete	BP America Production Co.	DOM; STK	020N	095W	8	NE1/4SE1/4	14	210.0	41.72220	-108.12469
P189347W	10/31/2008	Incomplete	BP America Production Co.	DOM; STK	020N	095W	8	NW1/4NE1/4	25	--	41.72919	-108.12957
P42533W	03/20/1978	Complete	BP America Production Co.	DOM; STK	020N	095W	8	NE1/4NE1/4	5	300.0	41.72945	-108.12468
P26025W	02/27/1974	Complete	BP America Production Co.	STK	020N	095W	11	SW1/4SW1/4	10	610.0	41.71875	-108.08135
P193949W	08/04/2010	Complete	BP America Production Co.	STK	020N	095W	13	NW1/4SE1/4	9	9,692.0	41.70758	-108.05172
P106869W	07/16/1997	Incomplete	BP America Production Co.	MIS	020N	095W	16	SE1/4SE1/4	25	575.0	41.70421	-108.10536
P193882W	09/10/2010	Incomplete	BP America Production Co.	DOM; STK	020N	095W	17	NW1/4NW1/4	25	--	41.71444	-108.13923
P33697W	06/01/1976	Complete	BP America Production Co.	DOM; STK	020N	095W	17	NE1/4NW1/4	35	150.0	41.71490	-108.13437
P69555W	01/07/1985	Complete	BP America Production Co.	DOM; STK	020N	095W	17	SE1/4SW1/4	25	180.0	41.70401	-108.13437
P7831W	01/26/1971	Complete	BP America Production Co.	STK	020N	095W	18	NE1/4SW1/4	25	9,337.0	41.70738	-108.15372
P62636W	12/01/1982	Complete	BP America Production Co.	DOM	020N	095W	19	NW1/4SW1/4	10	150.0	41.69286	-108.15899
P43000W	04/28/1978	Incomplete	BP America Production Co.	DOM; MIS; STK	020N	095W	20	SW1/4NW1/4	8	80.0	41.69674	-108.13919
P44604W	08/10/1978	Complete	BP America Production Co.	DOM	020N	095W	20	SE1/4NW1/4	12	141.0	41.69677	-108.13436
P99764W	07/21/1995	Complete	BP America Production Co.	DOM	020N	095W	20	NW1/4NW1/4	8	120.0	41.70036	-108.13920
P102712W	05/16/1996	Complete	BP America Production Co.	STK	020N	095W	21	NW1/4SE1/4	15	665.0	41.69332	-108.11016
P9963W	08/04/1971	Complete	BP America Production Co.	STK	020N	095W	21	NE1/4SE1/4	20	280.0	41.69336	-108.10532
P102804W	06/21/1996	Complete	BP America Production Co.	STK	020N	095W	23	NW1/4SE1/4	20	760.0	41.69344	-108.07174
P59220W	01/05/1982	Complete	BP America Production Co.	STK	020N	095W	27	NE1/4SE1/4	15	780.0	41.67892	-108.08619
P7543P	12/31/1929	Complete	BP America Production Co.	STK	020N	095W	33	SW1/4SW1/4	15	380.0	41.66068	-108.11982
P15643W	08/28/1972	Complete	BP America Production Co.	STK	020N	095W	35	SW1/4NE1/4	10	400.0	41.66809	-108.07177
P22968W	12/07/1972	Complete	BP America Production Co.	STK	020N	096W	10	SW1/4NW1/4	25	2,850.0	41.72549	-108.21708
P178351W	10/30/2006	--	BP America Production Co.	MIS	020N	096W	12	NE1/4SW1/4	100	--	41.72175	-108.17406
P49642W	08/27/1979	Complete	BP America Production Co.	STK	020N	096W	13	SW1/4NE1/4	25	160.0	41.71088	-108.16919
P62810W	12/21/1982	Complete	BP America Production Co.	DOM	020N	096W	24	NW1/4SW1/4	10	280.0	41.69296	-108.17854
P63378W	03/08/1983	Complete	BP America Production Co.	DOM	020N	096W	24	NE1/4NW1/4	10	167.0	41.70010	-108.17385
P49643W	08/27/1979	Complete	BP America Production Co.	STK	020N	096W	25	NW1/4NE1/4	25	260.0	41.68569	-108.16893
P49644W	08/27/1979	Complete	BP America Production Co.	DOM	020N	096W	26	SW1/4NW1/4	25	750.0	41.68217	-108.19784
P60892W	05/20/1982	Complete	BP America Production Co.	DOM	020N	096W	26	NW1/4NW1/4	10	350.0	41.68580	-108.19782
P63520W	03/01/1983	Complete	BP America Production Co.	DOM	020N	096W	26	NW1/4SE1/4	7	290.0	41.67854	-108.18816
P187202W	06/25/2008	Incomplete	BP America Production Co.	STK	020N	096W	35	NE1/4NW1/4	25	--	41.67074	-108.19289
P187203W	06/25/2008	Incomplete	BP America Production Co.	DOM	020N	096W	35	SE1/4SW1/4	25	--	41.65979	-108.19300
P34057W	06/09/1976	Complete	BP America Production Co.	DOM	020N	096W	36	SE1/4NW1/4	20	120.0	41.66765	-108.17365
P57110W	06/02/1981	Complete	BP America Production Co.	DOM; STK	020N	096W	36	SE1/4NW1/4	20	138.0	41.66765	-108.17365
P64300W	06/07/1983	Complete	BP America Production Co.	DOM	020N	096W	36	NE1/4NW1/4	18	170.0	41.67126	-108.17366
P82536W	05/24/1990	Complete	BP America Production Co.	STK	020N	096W	36	NW1/4SE1/4	7	196.0	41.66403	-108.16882

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P42290W	10/26/1977	Fully Adjudicated	BP America Production Co.	DOM; IRR; STK	020N	097W	1	NW1/4SW1/4	400	1,600.0	41.73761	-108.28948
CR UW06/107	10/26/1977	--	BP America Production Co.	DOM; IRR; STK	020N	097W	1	NW1/4SW1/4	400	--	41.73761	-108.28948
P158801W	04/30/2004	Complete	BP America Production Co.	STK	020N	097W	15	NW1/4SE1/4	6	490.0	41.70837	-108.31838
P104358W	10/21/1996	Incomplete	BP America Production Co.	MIS	020N	097W	27	NW1/4NE1/4	60	800.0	41.68694	-108.31848
P189038W	10/07/2008	Fully Adjudicated	BP America Production Co.	MIS	020N	097W	36	NE1/4SW1/4	120	--	41.66461	-108.28462
P148709W	12/26/2002	--	BP America Production Co.	DOM; STK	021N	091W	9	SE1/4NW1/4	25	--	41.80774	-107.69169
P173344W	02/27/2006	--	BP America Production Co.	STK	021N	091W	18	SE1/4NE1/4	25	--	41.79324	-107.72066
P38929W	06/22/1977	--	BP America Production Co.	MIS	021N	091W	21	SE1/4SW1/4	0	460.0	41.77146	-107.69161
P108972W	03/02/1998	Complete	BP America Production Co.	DOM	021N	091W	26	NW1/4NW1/4	25	350.0	41.76778	-107.65777
P27102W	06/26/1974	Complete	BP America Production Co.	STK	021N	091W	30	NE1/4NE1/4	10	1,002.0	41.76788	-107.72069
P164449W	12/14/2004	--	BP America Production Co.	DOM; STK	021N	091W	34	NW1/4SW1/4	25	--	41.74610	-107.67724
P35939W	01/19/1977	Complete	BP America Production Co.	STK	021N	092W	1	SE1/4SW1/4	5	240.0	41.81503	-107.74952
P56414W	04/10/1981	Complete	BP America Production Co.	STK	021N	092W	1	SE1/4SW1/4	10	650.0	41.81503	-107.74952
P177392W	09/15/2006	--	BP America Production Co.	MIS	021N	092W	8	SE1/4SW1/4	200	--	41.80064	-107.82701
P140257W	10/18/2001	Complete	BP America Production Co.	STK	021N	092W	9	SW1/4SW1/4	9	803.0	41.80061	-107.81250
P142884W	02/26/2002	Complete	BP America Production Co.	STK	021N	092W	11	SE1/4SE1/4	5	300.0	41.80054	-107.75926
P45264W	09/26/1978	Complete	BP America Production Co.	STK	021N	092W	13	NE1/4SW1/4	4	200.0	41.78966	-107.74963
P140256W	10/18/2001	Complete	BP America Production Co.	MIS	021N	092W	19	SE1/4NW1/4	20	780.0	41.77896	-107.84651
P140255W	10/18/2001	Complete	BP America Production Co.	MIS	021N	092W	32	NE1/4SW1/4	20	1,040.0	41.74634	-107.82726
P63187W	02/01/1983	Complete	BP America Production Co.	STK	021N	092W	32	NE1/4SW1/4	20	1,040.0	41.74634	-107.82726
P144612W	05/23/2002	Complete	BP America Production Co.	STK	021N	092W	35	SE1/4SW1/4	10	340.0	41.74255	-107.76920
P6384P	12/31/1933	Complete	BP America Production Co.	STK	021N	093W	1	NW1/4SW1/4	20	230.0	41.81878	-107.87102
P97904W	11/09/1994	--	BP America Production Co.	MIS	021N	093W	5	SW1/4SW1/4	50	--	41.81521	-107.94828
P6391P	12/31/1930	Complete	BP America Production Co.	STK	021N	093W	9	NE1/4NW1/4	25	-1.0	41.81166	-107.92396
P6390P	12/31/1925	Complete	BP America Production Co.	STK	021N	093W	11	SW1/4NW1/4	20	-1.0	41.80799	-107.89029
P174640W	01/19/2006	--	BP America Production Co.	STK	021N	093W	17	SW1/4NE1/4	25	--	41.79360	-107.93842
P157244W	02/24/2004	--	BP America Production Co.	MIS	021N	093W	23	SE1/4SW1/4	50	--	41.77189	-107.88530
P38302W	06/09/1977	Complete	BP America Production Co.	DOM; STK	021N	093W	29	NW1/4SW1/4	12	300.0	41.76100	-107.94810
P174639W	01/19/2006	--	BP America Production Co.	STK	021N	093W	33	SE1/4NE1/4	25	--	41.75020	-107.91425
P189501W	11/24/2008	Incomplete	BP America Production Co.	MIS	021N	093W	35	NW1/4SW1/4	150	--	41.74600	-107.89019
P133248W	03/27/2001	--	BP America Production Co.	MIS	021N	094W	3	NE1/4SW1/4	0	--	41.81905	-108.02074
P194809W	12/20/2010	Complete	BP America Production Co.	MIS	021N	094W	3	NE1/4SW1/4	50	762.0	41.81808	-108.02107
P7540P	06/03/1965	Complete	BP America Production Co.	STK	021N	094W	19	SE1/4NE1/4	15	476.0	41.77926	-108.06899
P26026W	02/27/1974	Complete	BP America Production Co.	STK	021N	094W	21	SW1/4SE1/4	10	500.0	41.77200	-108.03515
P6385P	12/31/1935	Complete	BP America Production Co.	STK	021N	094W	23	NW1/4SE1/4	15	-1.0	41.77552	-107.99646
P172629W	12/20/2005	--	BP America Production Co.	MIS	021N	094W	26	NW1/4SE1/4	150	--	41.76106	-107.99646
P194165W	10/21/2010	Complete	BP America Production Co.	MIS	021N	094W	26	SW1/4NE1/4	50	740.0	41.76310	-107.99508
P193950W	08/04/2010	Complete	BP America Production Co.	STK	021N	094W	29	SW1/4SE1/4	14	880.0	41.75762	-108.05540
P14749W	07/21/1972	Complete	BP America Production Co.	STK	021N	094W	31	NE1/4NW1/4	5	300.0	41.75394	-108.07867
P33605W	06/09/1976	Complete	BP America Production Co.	STK	021N	094W	31	SE1/4SE1/4	10	700.0	41.74306	-108.06903

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P68912W	10/30/1984	Complete	BP America Production Co.	STK	021N	094W	31	NE1/4NW1/4	14	480.0	41.75394	-108.07867
P7541P	12/31/1949	Complete	BP America Production Co.	STK	021N	094W	33	SE1/4SW1/4	15	260.0	41.74301	-108.04003
P14278W	06/07/1972	Complete	BP America Production Co.	DOM; STK	021N	095W	5	NW1/4NW1/4	7	400.0	41.82654	-108.17989
P26615W	04/30/1974	Complete	BP America Production Co.	STK	021N	095W	9	NE1/4NE1/4	5	300.0	41.81203	-108.14609
P25053W	11/19/1973	Complete	BP America Production Co.	STK	021N	095W	17	SE1/4SE1/4	10	380.0	41.78670	-108.16555
P102713W	05/16/1996	Complete	BP America Production Co.	STK	021N	095W	19	SE1/4SW1/4	15	660.0	41.77227	-108.19459
P7539P	12/31/1944	Complete	BP America Production Co.	STK	021N	095W	23	SE1/4SE1/4	20	160.0	41.77215	-108.10766
P84124W	12/10/1990	Complete	BP America Production Co.	STK	021N	095W	26	SE1/4SW1/4	15	730.0	41.75770	-108.11737
P7821W	12/15/1970	Complete	BP America Production Co.	STK	021N	095W	30	NE1/4SW1/4	25	9,406.0	41.76142	-108.19469
P164658W	01/05/2005	--	BP America Production Co.	MIS	021N	095W	34	NW1/4SW1/4	140	--	41.74688	-108.14156
P186747W	04/25/2008	Incomplete	BP America Production Co.	MIS	021N	095W	34	NW1/4SW1/4	140	--	41.74633	-108.14162
P7538P	12/31/1939	Complete	BP America Production Co.	STK	021N	095W	34	SW1/4NW1/4	10	185.0	41.75051	-108.14154
P165697W	03/21/2005	--	BP America Production Co.	MIS	021N	096W	4	NE1/4SW1/4	200	--	41.81918	-108.27169
P106611W	06/30/1997	Incomplete	BP America Production Co.	MIS	021N	097W	35	NE1/4NE1/4	60	840.0	41.75479	-108.33956
P192788W	04/13/2010	Incomplete	BP America Production Co.	DOM; STK	022N	091W	9	SW1/4SE1/4	25	--	41.88688	-107.68661
P8459P	06/23/1967	Complete	BP America Production Co.	STK	022N	091W	15	NE1/4SE1/4	10	178.0	41.87633	-107.66241
P80716W	09/18/1989	Complete	BP America Production Co.	DOM; STK	022N	091W	27	NE1/4SE1/4	16	130.0	41.84747	-107.66244
P8458P	06/07/1953	Complete	BP America Production Co.	DOM; STK	022N	091W	27	NW1/4SW1/4	25	-1.0	41.84750	-107.67696
P83544W	09/10/1990	Complete	BP America Production Co.	STK	022N	092W	12	SW1/4SW1/4	5	6.0	41.88741	-107.75418
P40644P	10/25/1977	Complete	BP America Production Co.	STK	022N	092W	15	SE1/4SE1/4	1	200.0	41.87295	-107.77838
P40645P	10/25/1977	Complete	BP America Production Co.	STK	022N	092W	27	SE1/4SW1/4	1	200.0	41.84405	-107.78795
P55208W	07/05/1979	Complete	BP America Production Co.	STK	022N	092W	29	NE1/4SW1/4	25	500.0	41.84772	-107.82679
P161084W	08/04/2004	--	BP America Production Co.	MIS	022N	092W	35	NW1/4NW1/4	200	--	41.84044	-107.77352
P55207W	07/05/1979	Complete	BP America Production Co.	STK	022N	092W	35	SE1/4SW1/4	25	940.0	41.82958	-107.76877
P9820W	07/19/1971	Complete	BP America Production Co.	STK	022N	093W	10	NE1/4SW1/4	25	990.0	41.89097	-107.90474
P55206W	07/05/1979	Complete	BP America Production Co.	STK	022N	093W	13	NW1/4SW1/4	25	550.0	41.87656	-107.87095
P161336W	08/12/2004	--	BP America Production Co.	MIS	022N	093W	15	NW1/4NW1/4	200	--	41.88378	-107.90960
P5987W	07/10/1970	Complete	BP America Production Co.	STK	022N	093W	19	SW1/4NE1/4	10	260.0	41.86582	-107.95785
P6383P	12/31/1924	Complete	BP America Production Co.	STK	022N	093W	21	SW1/4SW1/4	10	190.0	41.85844	-107.92887
P155607W	12/19/2003	--	BP America Production Co.	MIS	022N	093W	25	NW1/4NW1/4	80	--	41.85484	-107.87094
P40647P	10/25/1977	Complete	BP America Production Co.	STK	022N	093W	25	NW1/4SE1/4	1	200.0	41.84767	-107.86131
P40646P	10/25/1977	Complete	BP America Production Co.	STK	022N	093W	29	SW1/4SW1/4	1	200.0	41.84415	-107.94832
P139354W	09/24/2001	--	BP America Production Co.	MIS	022N	093W	32	SW1/4NE1/4	75	--	41.83689	-107.93870
P180894W	03/22/2007	--	BP America Production Co.	MIS	022N	093W	32	SE1/4NW1/4	85	--	41.83692	-107.94354
P6382P	12/31/1916	Complete	BP America Production Co.	DOM; STK	022N	093W	32	NE1/4NE1/4	10	200.0	41.84048	-107.93384
P152233W	07/09/2003	--	BP America Production Co.	STK	022N	093W	36	NE1/4NE1/4	25	--	41.84047	-107.85648
P16769W	11/29/1972	Complete	BP America Production Co.	STK	022N	093W	36	NE1/4NE1/4	25	300.0	41.84047	-107.85648
P144035W	04/23/2002	--	BP America Production Co.	MIS	022N	094W	9	SW1/4SW1/4	50	--	41.88761	-108.04488
P174641W	01/19/2006	--	BP America Production Co.	STK	022N	094W	9	NW1/4NE1/4	25	--	41.89838	-108.03520
P194811W	12/20/2010	Complete	BP America Production Co.	MIS	022N	094W	15	NW1/4SW1/4	50	1,160.0	41.87522	-108.02391

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P144036W	04/23/2002		BP America Production Co.	MIS	022N	094W	17	SW1/4SW1/4	50	--	41.87301	-108.06436
P6386P	12/31/1930	Complete	BP America Production Co.	DOM; STK	022N	094W	18	SW1/4SW1/4	20	700.0	41.87334	-108.08335
P98626W	03/31/1995	Complete	BP America Production Co.	STK	022N	094W	18	SW1/4SW1/4	5	500.0	41.87334	-108.08335
P193743W	09/01/2010	Complete	BP America Production Co.	MIS	022N	094W	21	SW1/4SW1/4	50	1,040.0	41.86035	-108.04352
P146579W	08/22/2002	Complete	BP America Production Co.	MIS	022N	094W	22	NW1/4SW1/4	40	1,080.0	41.86219	-108.02552
P194808W	12/20/2010	Complete	BP America Production Co.	MIS	022N	094W	23	SE1/4SW1/4	50	900.0	41.86036	-108.00269
P144638W	05/31/2002	Complete	BP America Production Co.	MIS	022N	094W	28	SW1/4SW1/4	65	1,040.0	41.84410	-108.04492
P138671W	08/28/2001	--	BP America Production Co.	MIS	022N	094W	29	SE1/4SW1/4	50	--	41.84420	-108.05938
P194810W	12/20/2010	Complete	BP America Production Co.	MIS	022N	094W	29	SE1/4SW1/4	50	960.0	41.84551	-108.06141
P99887W	07/27/1995	Incomplete	BP America Production Co.	MIS	022N	094W	34	SW1/4SW1/4	50	710.0	41.82977	-108.02548
P107546W	09/18/1997	Complete	BP America Production Co.	MON	022N	094W	35	SW1/4NW1/4	0	50.0	41.83689	-108.00610
P107547W	09/18/1997	Complete	BP America Production Co.	MON	022N	094W	35	SE1/4NW1/4	0	50.0	41.83689	-108.00128
P107548W	09/18/1997	Complete	BP America Production Co.	MON	022N	094W	35	SE1/4NW1/4	0	50.0	41.83689	-108.00128
P107549W	09/18/1997	Complete	BP America Production Co.	MON	022N	094W	35	SW1/4NW1/4	0	50.0	41.83689	-108.00610
P135750W	06/14/2001	Complete	BP America Production Co.	MON	022N	094W	35	SE1/4NW1/4	0	45.0	41.83689	-108.00128
P135751W	06/14/2001	Complete	BP America Production Co.	MON	022N	094W	35	SE1/4NW1/4	0	45.0	41.83689	-108.00128
P152924W	08/07/2003	--	BP America Production Co.	MIS	022N	095W	5	NE1/4SW1/4	150	--	41.90617	-108.17485
P22748W	06/25/1973	Complete	BP America Production Co.	DOM; STK	022N	095W	7	NE1/4NW1/4	5	250.0	41.89895	-108.19422
P109956W	05/04/1998	--	BP America Production Co.	MIS	022N	095W	11	NW1/4SE1/4	50	--	41.89184	-108.11179
P169649W	07/13/2005	--	BP America Production Co.	MIS	022N	095W	11	NW1/4SE1/4	50	810.0	41.89184	-108.11179
P153998W	09/05/2003	--	BP America Production Co.	STK	022N	095W	13	NW1/4SE1/4	25	--	41.87721	-108.09257
P171025W	10/21/2005	--	BP America Production Co.	MIS	022N	095W	16	NE1/4NW1/4	200	--	41.88451	-108.15548
P183656W	10/25/2007	--	BP America Production Co.	MIS	022N	095W	18	SE1/4SE1/4	120	--	41.87359	-108.18444
P33169W	05/07/1976	Complete	BP America Production Co.	DOM; STK	022N	095W	21	SE1/4NE1/4	5	260.0	41.86651	-108.14567
P158019W	04/13/2004	Complete	BP America Production Co.	STK	022N	095W	28	SE1/4NE1/4	13	880.0	41.85205	-108.14572
P64146W	05/23/1983	Complete	BP America Production Co.	STK	022N	095W	29	NW1/4NW1/4	18	400.0	41.85547	-108.17969
P33168W	05/07/1976	Complete	BP America Production Co.	DOM	022N	095W	35	SE1/4SE1/4	5	400.0	41.83010	-108.10725
P30390W	07/07/1975	Complete	BP America Production Co.	DOM	022N	096W	1	NE1/4NE1/4	10	200.0	41.91335	-108.20373
P153994W	09/05/2003	Complete	BP America Production Co.	STK	022N	096W	11	SW1/4SW1/4	12	880.0	41.88794	-108.23797
P178919W	12/11/2006	Incomplete	BP America Production Co.	DOM; IRR; STK	022N	096W	15	NE1/4SE1/4	100	--	41.87711	-108.24280
P42749W	04/06/1978	--	BP America Production Co.	DOM; STK	022N	096W	17	NW1/4SE1/4	25	--	41.87701	-108.28632
P8466P	05/20/1968	Complete	BP America Production Co.	STK	023N	091W	3	NW1/4NW1/4	10	150.0	41.99933	-107.67635
P59387W	01/27/1982	Complete	BP America Production Co.	STK	023N	091W	10	SW1/4NE1/4	0	1,000.0	41.98130	-107.66695
P7349W	11/04/1970	Complete	BP America Production Co.	STK	023N	091W	10	SW1/4NE1/4	15	1,000.0	41.98130	-107.66695
P8467P	05/25/1968	Complete	BP America Production Co.	STK	023N	091W	15	NW1/4NW1/4	10	160.0	41.97041	-107.67664
P6093W	07/16/1970	Complete	BP America Production Co.	DOM; STK	023N	091W	33	NE1/4SW1/4	10	160.0	41.91979	-107.69117
P7823W	12/15/1970	Complete	BP America Production Co.	STK	023N	092W	2	SE1/4SW1/4	6	1,013.0	41.98853	-107.76788
P48078W	05/14/1979	Incomplete	BP America Production Co.	MIS; MON	023N	092W	5	SE1/4SE1/4	0	100.0	41.98852	-107.81667
P48079W	05/14/1979	Incomplete	BP America Production Co.	MIS; MON	023N	092W	6	NE1/4NW1/4	0	100.0	41.99947	-107.84559
P189970W	03/27/2009	Incomplete	BP America Production Co.	STK	023N	092W	19	NW1/4SW1/4	25	--	41.94836	-107.85124

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P14957P	09/25/1954	Complete	BP America Production Co.	STK	023N	092W	25	NE1/4NE1/4	25	230.0	41.94149	-107.73916
P14958P	12/29/1959	Complete	BP America Production Co.	STK	023N	092W	31	NE1/4SW1/4	25	406.0	41.91999	-107.84626
P14959P	08/28/1957	Complete	BP America Production Co.	STK	023N	093W	3	NE1/4SE1/4	25	201.0	41.99224	-107.89529
P2170P	03/16/1968	Complete	BP America Production Co.	STK	023N	093W	16	SE1/4SW1/4	25	900.0	41.95972	-107.92410
P7824W	12/15/1970	Complete	BP America Production Co.	STK	023N	093W	24	NE1/4SW1/4	5	1,005.0	41.94886	-107.86603
P59662W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NW1/4SE1/4	0	170.0	41.99252	-108.01555
P59663W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NW1/4SE1/4	0	170.0	41.99252	-108.01555
P59667W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NW1/4SE1/4	0	120.0	41.99252	-108.01555
P59668W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NE1/4SE1/4	0	140.0	41.99251	-108.01070
P59669W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NE1/4SE1/4	0	170.0	41.99251	-108.01070
P59670W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NE1/4SE1/4	0	170.0	41.99251	-108.01070
P59673W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NE1/4SE1/4	0	50.0	41.99251	-108.01070
P59679W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	NW1/4SE1/4	0	170.0	41.99252	-108.01555
P59682W	11/10/1981	Complete	BP America Production Co.	MON	023N	094W	3	NW1/4SE1/4	0	170.0	41.99252	-108.01555
P59683W	11/10/1981	--	BP America Production Co.	MON	023N	094W	3	SW1/4SE1/4	0	170.0	41.98892	-108.01554
P59664W	11/10/1981	--	BP America Production Co.	MON	023N	094W	10	SE1/4NE1/4	0	160.0	41.98171	-108.01072
P59665W	11/10/1981	--	BP America Production Co.	MON	023N	094W	10	SE1/4NE1/4	0	92.0	41.98171	-108.01072
P59666W	11/10/1981	--	BP America Production Co.	MON	023N	094W	10	SE1/4NE1/4	0	40.0	41.98171	-108.01072
P59677W	11/10/1981	--	BP America Production Co.	MON	023N	094W	10	NW1/4NE1/4	0	70.0	41.98532	-108.01554
P59678W	11/10/1981	--	BP America Production Co.	MON	023N	094W	10	NW1/4NE1/4	0	160.0	41.98532	-108.01554
P66216W	01/09/1984	Complete	BP America Production Co.	MON	023N	094W	10	SE1/4SW1/4	0	75.0	41.97454	-108.02043
P165873W	03/25/2005	--	BP America Production Co.	MIS	023N	094W	13	NW1/4NW1/4	40	--	41.97073	-107.98653
P6388P	12/31/1941	Complete	BP America Production Co.	STK	023N	094W	13	NW1/4NW1/4	20	-1.0	41.97073	-107.98653
P74971W	06/19/1987	--	BP America Production Co.	MON	023N	094W	14	SW1/4SW1/4	0	60.0	41.96010	-108.00595
P7825W	12/15/1970	Complete	BP America Production Co.	STK	023N	094W	14	SE1/4SE1/4	8	980.0	41.95995	-107.99142
P158018W	04/13/2004	Complete	BP America Production Co.	STK	023N	094W	15	SE1/4SW1/4	7	300.0	41.96013	-108.02049
P6387P	12/31/1940	Complete	BP America Production Co.	STK	023N	094W	19	NW1/4NW1/4	12	-1.0	41.95668	-108.08318
P159305W	06/01/2004	Complete	BP America Production Co.	STK	023N	094W	28	SE1/4SW1/4	15	300.0	41.93126	-108.04001
P158271W	04/23/2004	Complete	BP America Production Co.	STK	023N	094W	29	NE1/4SW1/4	25	640.0	41.93497	-108.05933
P157885W	02/02/2004	Complete	BP America Production Co.	STK	023N	094W	31	SE1/4SW1/4	14	800.0	41.91689	-108.07877
P147784W	10/28/2002	--	BP America Production Co.	MIS	023N	094W	35	SW1/4SW1/4	50	1,500.0	41.91660	-108.00615
P157884W	02/02/2004	Complete	BP America Production Co.	STK	023N	094W	35	SW1/4NE1/4	14	250.0	41.92385	-107.99642
P169652W	08/02/2005	--	BP America Production Co.	MIS	023N	095W	14	NW1/4SE1/4	100	--	41.96406	-108.11167
P38301W	06/09/1977	Complete	BP America Production Co.	DOM; STK	023N	095W	25	SW1/4SW1/4	15	300.0	41.93141	-108.10227
P31006W	09/10/1975	Complete	BP America Production Co.	DOM; STK	023N	095W	29	SE1/4SW1/4	10	160.0	41.93146	-108.17472
P153997W	09/05/2003	--	BP America Production Co.	STK	023N	095W	31	NW1/4SW1/4	25		41.92060	-108.19892
P153287W	08/21/2003	--	BP America Production Co.	MIS	023N	095W	33	SW1/4SW1/4	90	850.0	41.91703	-108.16030
P156171W	05/06/2003	Complete	WILLIAM H. & SALLY JOLLEY	STK	023N	096W	1	SW1/4NW1/4	20	80.0	41.99653	-108.21803
P161187W	08/04/2004	--	Bureau of Land Management	MIS	023N	096W	2	SE1/4SW1/4	200		41.98921	-108.23263
P155774W	05/06/2003	Complete	WILLIAM H. & SALLY JOLLEY	STK	023N	096W	5	NW1/4SE1/4	15	380.0	41.99277	-108.28588

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P153993W	09/05/2003	Complete	USDI BLM	STK	023N	096W	13	NW1/4SE1/4	6	200.0	41.96396	-108.20841
P153996W	09/05/2003	Complete	Stalton Sheep Co.	STK	023N	096W	17	SE1/4NW1/4	14	486.0	41.96742	-108.29089
P155771W	04/30/2003	Complete	WILLIAM OR SALLY JOLLY	STK	023N	096W	17	SE1/4NW1/4	25	400.0	41.96744	-108.29087
P155770W	04/30/2003	Complete	WILLIAM H. OR SALLY K. JOLLY	STK	023N	096W	18	SE1/4NW1/4	20	400.0	41.96774	-108.30940
P156170W	04/30/2003	Complete	WILLIAM H. OR SALLY K. JOLLY	STK	023N	096W	21	SE1/4NW1/4	20	480.0	41.95296	-108.27157
P35720W	12/07/1976	Complete	USDI BLM	STK	023N	096W	25	NW1/4NW1/4	25	1,160.0	41.94222	-108.21812
P105976W	05/29/1997	--	THERESA F/WILLIAM M THOMPSON	DOM	023N	096W	33	SW1/4SW1/4	25	--	41.91679	-108.27661
P189475W	12/29/2008	Incomplete	MAEVE AND LLIAM FITZGERALD	DOM	023N	096W	33	SW1/4SW1/4	25	--	41.91628	-108.27657
P153992W	09/05/2003	--	Stalton Sheep Co.	STK	023N	096W	34	SW1/4SW1/4	25	--	41.91684	-108.25717
P156174W	05/06/2003	Complete	WILLIAM H. & SALLY JOLLEY	STK	023N	097W	11	NW1/4NE1/4	20	250.0	41.98558	-108.34454
P55107W	12/24/1980	Complete	--	STK	023N	097W	13	SE1/4SE1/4	20	100.0	41.96154	-108.32026
P177239W	09/11/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	16	SW1/4SW1/4	25	--	41.95988	-108.39298
P177240W	09/11/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	16	SW1/4NW1/4	25	--	41.96882	-108.39506
P190519W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	16	SW1/4NE1/4	25	--	41.96835	-108.38332
P190520W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	16	SW1/4SW1/4	25	--	41.96119	-108.39307
P194471W	11/23/2010	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	16	SW1/4NW1/4	25	--	41.96830	-108.39514
P175678W	07/13/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4NE1/4	25	--	41.93983	-108.34451
P175679W	07/13/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4SE1/4	25	--	41.93259	-108.34451
P175681W	07/13/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4SW1/4	25	--	41.93259	-108.35420
P175682W	07/13/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4NW1/4	25	--	41.93983	-108.35421
P190537W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4NW1/4	25	--	41.93938	-108.35421
P190538W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4SW1/4	25	--	41.93214	-108.35408
P190540W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4SE1/4	25	--	41.93192	-108.34555
P190541W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	26	SW1/4NE1/4	25	--	41.93940	-108.34447
P174818W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4NE1/4	25	--	41.92896	-108.33966
P174819W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4NW1/4	25	--	41.92897	-108.34936
P174833W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4SE1/4	25	--	41.92172	-108.33966
P174834W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4SW1/4	25	--	41.92172	-108.34935
P176195W	07/27/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	SW1/4SW1/4	25	--	41.91797	-108.35420
P176196W	07/27/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	SW1/4NE1/4	25	--	41.92534	-108.34451
P190515W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4NE1/4	25	--	41.92849	-108.33962
P190516W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4NW1/4	25	--	41.92850	-108.34934
P190517W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4SE1/4	25	--	41.92138	-108.33964
P190518W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	NE1/4SW1/4	25	--	41.92121	-108.34929
P190544W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	35	SW1/4SW1/4	25	--	41.91747	-108.35414
P174815W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	NE1/4NW1/4	25	--	41.93057	-108.32997
P174816W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	NE1/4SE1/4	25	--	41.92181	-108.31999
P174817W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	NE1/4SW1/4	25	--	41.92172	-108.32997
P174820W	05/25/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	NE1/4NE1/4	25	--	41.93052	-108.32009
P175560W	06/27/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	SW1/4SE1/4	25	--	41.91787	-108.32513

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P175561W	06/27/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	SW1/4SW1/4	25	--	41.91892	-108.33720
P175563W	06/27/2006	--	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	SW1/4NE1/4	25	--	41.92468	-108.32467
P190542W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	SW1/4SW1/4	25	--	41.91748	-108.33621
P190543W	03/09/2009	Incomplete	Pinnacle Gas Resources, Inc.	CBM	023N	097W	36	SW1/4SE1/4	25	--	41.91734	-108.32519
P189971W	03/27/2009	Incomplete	WYOMING GAME AND FISH COMMISSION	STK	024N	091W	31	NE1/4SW1/4	25	--	42.00619	-107.72949
P25189P	12/13/1973	Complete	--	STK	024N	091W	31	NW1/4NW1/4	25	-1.0	42.01389	-107.73401
P14956P	08/31/1957	Complete	--	STK	024N	092W	33	NE1/4SE1/4	25	300.0	42.00665	-107.79677
P48075W	05/14/1979	Incomplete	Kennecott Uranium Co.	MIS; MON	024N	093W	32	NW1/4NW1/4	0	200.0	42.01408	-107.94842
P48076W	05/14/1979	Incomplete	Kennecott Uranium Co.	MIS; MON	024N	093W	32	SE1/4SE1/4	0	150.0	42.00325	-107.93408
P48080W	05/14/1979	Incomplete	Kennecott Uranium Co.	MIS; MON	024N	093W	33	SE1/4SE1/4	0	150.0	42.00321	-107.91471
P48074W	05/14/1979	Incomplete	Kennecott Uranium Co.	MIS; MON	024N	093W	35	NW1/4SW1/4	0	150.0	42.00681	-107.89040
P48388W	05/31/1979	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	415.0	42.08288	-107.98630
P48389W	05/31/1979	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	415.0	42.08288	-107.98630
P48390W	05/31/1979	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	415.0	42.08288	-107.98630
P48391W	05/31/1979	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	450.0	42.08288	-107.98630
P48392W	05/31/1979	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	330.0	42.08288	-107.98630
P56563W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	410.0	42.07932	-107.98627
P56565W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	399.0	42.07932	-107.98627
P56566W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4NW1/4	0	496.0	42.08647	-107.98633
P56568W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	456.0	42.08288	-107.98630
P56569W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NE1/4SW1/4	0	403.0	42.07927	-107.98135
P56570W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	SE1/4NW1/4	0	415.0	42.08284	-107.98137
P56573W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	340.0	42.07932	-107.98627
P56574W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	338.0	42.08288	-107.98630
P56575W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NE1/4SW1/4	0	337.0	42.07927	-107.98135
P56576W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	340.0	42.07932	-107.98627
P56577W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NE1/4SW1/4	0	335.0	42.07927	-107.98135
P56578W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	427.0	42.07932	-107.98627
P56579W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NE1/4SW1/4	0	410.0	42.07927	-107.98135
P56580W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	423.0	42.07932	-107.98627
P56581W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	SW1/4NW1/4	0	498.0	42.08288	-107.98630
P56582W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4SW1/4	0	480.0	42.07932	-107.98627
P56583W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NE1/4SW1/4	0	418.0	42.07927	-107.98135
P58688W	10/01/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4NW1/4	0	560.0	42.08647	-107.98633
P58690W	10/01/1981	--	Kennecott Uranium Co.	MON	024N	094W	1	NW1/4NW1/4	0	420.0	42.08647	-107.98633
P56553W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	NE1/4NW1/4	0	527.0	42.08653	-108.00089
P56554W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	NE1/4NW1/4	0	590.0	42.08653	-108.00089
P56555W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	NE1/4NW1/4	0	446.0	42.08653	-108.00089
P56556W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SE1/4SW1/4	0	477.0	42.07582	-108.00083
P56557W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SE1/4SW1/4	0	425.0	42.07582	-108.00083

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P56558W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SE1/4SW1/4	0	350.0	42.07582	-108.00083
P56559W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	NW1/4NW1/4	0	531.0	42.08655	-108.00573
P56560W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SW1/4NE1/4	0	502.0	42.08293	-107.99602
P56561W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SW1/4NE1/4	0	498.0	42.08293	-107.99602
P56564W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	SE1/4NE1/4	0	476.0	42.08291	-107.99118
P58691W	10/01/1981	--	Kennecott Uranium Co.	MON	024N	094W	2	NE1/4SE1/4	0	250.0	42.07935	-107.99115
P56562W	02/13/1981	--	Kennecott Uranium Co.	MON	024N	094W	3	SE1/4NE1/4	0	551.0	42.08298	-108.01056
P58689W	10/01/1981	--	Kennecott Uranium Co.	MON	024N	094W	12	NE1/4NW1/4	0	250.0	42.07209	-107.98133
P66215W	01/09/1984	Complete	Kennecott Uranium Co.	MON	024N	094W	16	NW1/4NW1/4	0	130.0	42.05776	-108.04439
P7826W	12/15/1970	Complete	--	STK	024N	094W	17	NE1/4SE1/4	1	1,000.0	42.05054	-108.04929
P7551W	12/21/1970	Complete	Kennecott Uranium Co.	STK	024N	094W	21	NW1/4NE1/4	10	500.0	42.04324	-108.03470
P189665W	02/17/2009	Complete	STRATTON SHEEP CO.	STK	024N	094W	22	NW1/4SE1/4	25	690.0	42.03575	-108.01481
P61326W	06/30/1982	Complete	Kennecott Uranium Co.	MON	024N	094W	25	NE1/4NW1/4	0	50.0	42.02859	-107.98144
P183115W	08/22/2007	--	USDI BLM	MIS	024N	094W	27	SW1/4SW1/4	300	--	42.01789	-108.02514
P178342W	10/17/2006	--	USDI BLM	MIS	024N	094W	30	NE1/4SW1/4	120	540.0	42.02174	-108.07832
P9742W	07/15/1971	Fully Adjudicated	Kennecott Uranium Co.	IND; STK	024N	094W	34	NE1/4NE1/4	25	170.0	42.01420	-108.01064
CR UW01/185	07/15/1971	Fully Adjudicated	Green Mountain Mining Venture	IND; STK	024N	094W	34	NE1/4NE1/4	25	--	42.01421	-108.01066
P155768W	04/30/2003	Complete	WILLIAM H. OR SALLY K. JOLLY	STK	024N	096W	8	NW1/4SE1/4	20	480.0	42.06511	-108.28573
P55109W	12/24/1980	Complete	--	STK	024N	096W	13	SE1/4SE1/4	5	300.0	42.04710	-108.20323
P55110W	12/24/1980	Complete	--	STK	024N	096W	18	SW1/4NE1/4	10	100.0	42.05417	-108.30550
P155772W	04/30/2003	Complete	WILLIAM H. OR SALLY K. JOLLY	STK	024N	096W	24	SW1/4NE1/4	20	375.0	42.03987	-108.20812
P155915W	01/13/2004	--	Statton Sheep Co.	STK	024N	096W	24	NW1/4SE1/4	25	--	42.03625	-108.20814
P189576W	01/26/2009	Incomplete	STRATTON SHEEP CO.	STK	024N	096W	24	NW1/4SE1/4	25	--	42.03624	-108.20816
P160524W	07/15/2004	Complete	USDI BLM	MIS	024N	096W	28	NE1/4NW1/4	120	710.0	42.02895	-108.27119
P186994W	04/22/2008	Incomplete	GMT EXPLORATION CO., LLC	MIS	024N	096W	28	NE1/4NW1/4	120	--	42.02847	-108.27094
P127205W	07/20/2000	Complete	USDI BLM	STK	024N	096W	35	SE1/4SW1/4	25	160.0	42.00366	-108.23255
P10695P	07/01/1948	Complete	--	STK	024N	097W	17	NE1/4NE1/4	17	255.0	42.05932	-108.40115
P127204W	07/20/2000	--	USDI BLM	STK	024N	097W	22	NW1/4SW1/4	25	--	42.03762	-108.37688
P152043W	06/09/2003	Complete	TOM BROWN, INC.	MIS	024N	097W	26	NE1/4SW1/4	50	250.0	42.02312	-108.35261
P156175W	05/06/2003	Complete	WILLIAM AND SALLY JOLLEY	MIS	024N	097W	26	NE1/4SW1/4	70	600.0	42.02311	-108.35253
P172598W	12/30/2005	--	WILLIAM H. & SALLY JOLLEY	STK	024N	097W	29	NW1/4NE1/4	25	--	42.03037	-108.40601
P155773W	05/06/2003	Complete	WILLIAM H. & SALLY JOLLEY	DOM; STK	024N	097W	35	SE1/4SE1/4	20	450.0	--	--
P36618W	03/21/1977	Complete	P H Livestock Co.	STK	024N	097W	35	SE1/4SE1/4	20	240.0	--	--
P191915W	12/01/2009	Complete	ENCANA OIL & GAS (USA) INC	MIS	024N	097W	36	SW1/4SW1/4	110	740.0	42.00491	-108.33974
P183116W	08/22/2007	Complete	J-W OPERATING COMPANY	MIS	025N	094W	31	NW1/4SE1/4	200	535.0	42.09411	-108.09269
P191570W	08/27/2009	Complete	J-W OPERATING COMPANY	MIS	025N	094W	31	NW1/4SE1/4	0	--	42.09356	-108.09354
P155775W	05/06/2003	Complete	WILLIAM AND SALLY JOLLEY	STK	025N	095W	4	NW1/4NE1/4	25	425.0	42.17406	-108.17121
P10293P	12/31/1930	Complete	Curtis Rochelle	DOM; STK	025N	096W	3	SE1/4SE1/4	10	-1.0	42.16341	-108.26352
P155769W	04/30/2003	Complete	WILLIAM H. OR SALLY K. JOLLY	STK	025N	096W	22	NW1/4SW1/4	20	400.0	42.12342	-108.27795
P10294P	12/31/1931	Complete	Curtis Rochelle	DOM; STK	025N	096W	30	SE1/4SE1/4	10	-1.0	42.10544	-108.32207

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-12. Groundwater rights within 1 mile of the CD-C project area, continued**

WR Number	Priority Date	Status	Company/Individual	Uses	Twn	Rng	Sec	QtrQtr	Total Flow	Total Depth (ft)	Lat	Long
P7542P	12/31/1939	Complete	--	STK	025N	096W	36	SW1/4SW1/4	20	150.0	42.09078	-108.23932
P7954P	12/31/1939	Complete	--	STK	025N	096W	36	SW1/4SW1/4	15	150.0	42.09078	-108.23932

**Notes for non-mining-related groundwater rights within 1 mile of the CD-C project area (search conducted February 18, 2011):**

Water rights were searched to the nearest quarter-quarter of each section listed above. Any part of a quarter-quarter that lies within one miles of the CD-C project area is included. A double dash (--) indicates no information available.

**Record suffixes are denoted as follows:**

"P" Stock and domestic use wells completed prior to May 24, 1969 and registered with the State Engineer's Office prior to December 31, 1972.

"W" Permits are for wells with a priority date for the date of filing with the State Engineer

**Use Codes**

CBM	Coal Bed Methane
DOM	Domestic
IND	Industrial
IRR	Irrigation
MIS	Miscellaneous
MON	Monitoring
MUN	Municipal
STK	Stock
TST	Test Well

Separate water rights with a status code of ABA, A&C, AME, CAN, ELI, EXP, REJ, or TRA were eliminated from the search area listing provided above (including those belonging to the mining companies), as none of these use codes represent a valid current right.

**Status Codes**

Fully Adjudicated: Well has been drilled and inspected, and a certificate of appropriation issued

Complete: A notice of completion off the well has been received

Unadjudicated: Well has not yet been inspected but may have been drilled

Incomplete: Notice of completion of the well has not been received

Expired: The permit to appropriate groundwater has expired, generally because a notice that the well has been completed has not been received within the time period specified

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-13. Groundwater quality parameters for selected aquifers associated with the CD-C project area**

	From Mason and Miller (2005)					From Bartos et al. 2006					Produced Water			
	Sweetwater Co. Quaternary Aquifer	Sweetwater Co. Wasatch Aquifer	Sweetwater Co. Mesaverde Aquifer	Sweetwater Co. Nugget Aquifer	Sweetwater Co. Madison Aquifer	Carbon Co. Quaternary Aquifer	Carbon Co. Wasatch Aquifer	Carbon Co. Mesaverde Aquifer	Carbon Co. Nugget Aquifer	Carbon Co. Madison Aquifer	Sweetwater Co. Mesaverde Aquifer Produced Water	Sweetwater Co. Nugget Aquifer Produced Water	Nugget Aquifer (USGS 2011)	Madison Aquifer (USGS 2011)
No. of Samples	18	80	30	28	17	32	11	130	15	11	221	28	3	2
TDS (Median) (mg/L)	1,200	8,000	1,000	10,000	11,100	500	2,000	5,000	4,500	3,000	12,000	10,000	21,800	30,300
TDS (Min) (mg/L)	500	150	200	3,000	3,820	30	700	250	15,000	150	2,800	5,000	3,087	6,094
TDS (Max) (mg/L)	20,000	153,000	20,000	35,000	76,800	8,000	5,000	40,000	50,000	12,000	65,000	40,000	57,900	54,545
Selenium (Median) ( $\mu\text{g/L}$ )	32.9 <sup>1</sup>	0.7 <sup>2</sup>	nm <sup>7</sup>	<1 <sup>3</sup>	nm	3.9 <sup>4</sup>	0.6 <sup>5</sup>	0.6 <sup>6</sup>	nm	1.4 <sup>3</sup>	nm	nm	nm	nm
Selenium (Min) ( $\mu\text{g/L}$ )	3.8 <sup>1</sup>	0.3 <sup>2</sup>	nm	<1 <sup>3</sup>	nm	<0.5 <sup>4</sup>	0.4 <sup>5</sup>	<0.3 <sup>6</sup>	nm	1.4 <sup>3</sup>	nm	nm	nm	nm
Selenium (Max) ( $\mu\text{g/L}$ )	133 <sup>1</sup>	1.6 <sup>2</sup>	nm	<1 <sup>3</sup>	nm	4.5 <sup>4</sup>	<0.7 <sup>5</sup>	0.8 <sup>6</sup>	nm	1.4 <sup>3</sup>	nm	nm	nm	nm

<sup>1</sup> Based on 7 Samples

<sup>2</sup> Based on 8 Samples

<sup>3</sup> Based on 1 Sample

<sup>4</sup> Based on 3 Samples

<sup>5</sup> Based on 4 Samples

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

**Table F-14. Selected water quality parameters in flowing wells and springs within and adjacent to the CD-C project area**

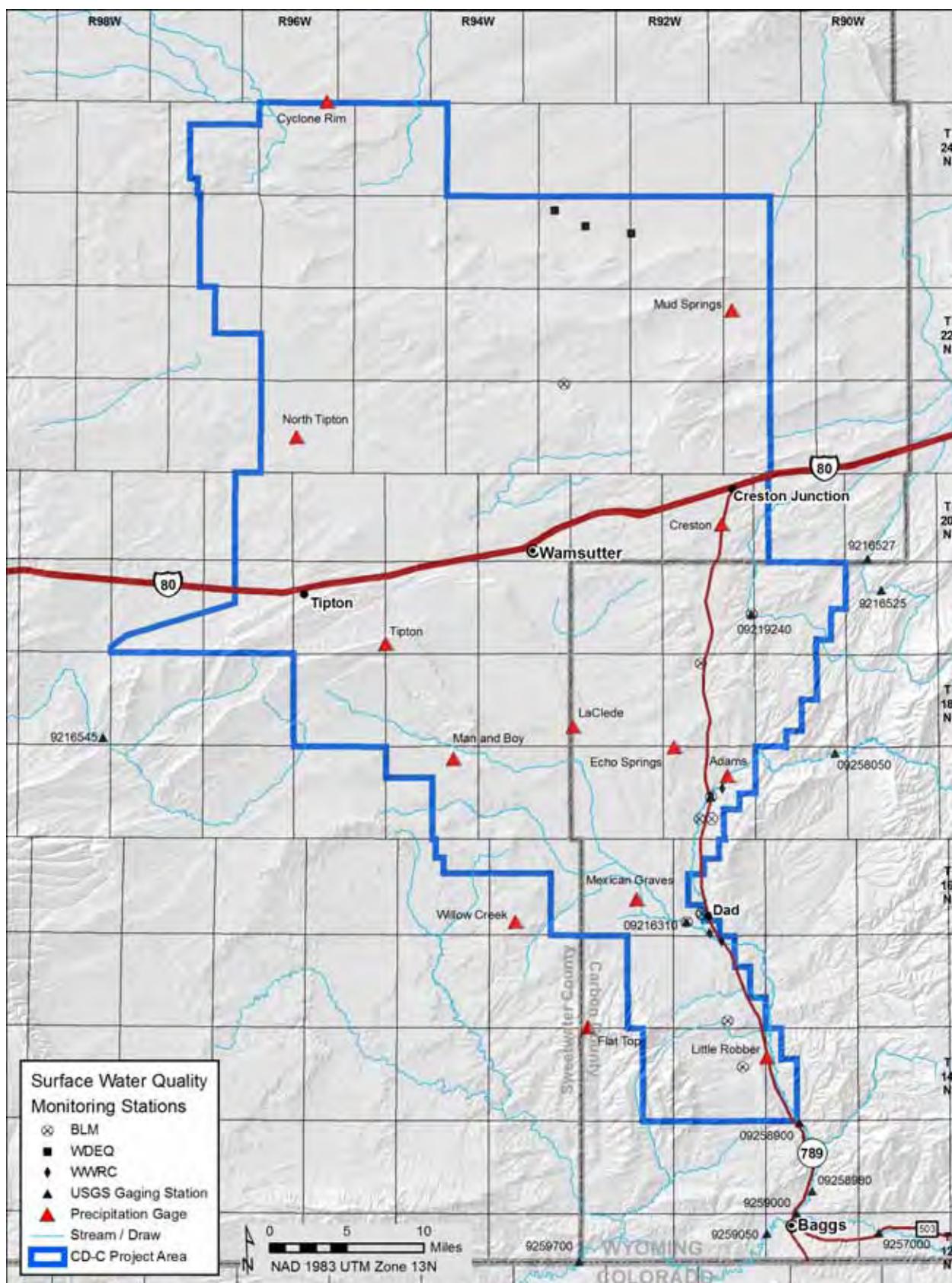
Flowing Well or Spring Water Quality																
Reporting Agency		USGS												BLM		
Station ID	411201107413801	411149107534401	411936107455801	412758107424801	412547108030801	412932108062401	413741107513801	413725108170001	414330108125501	415340107425501	415110107554001	415638108125801	MARATHON	SUNEXPL	Micelli Well	WRDS-00053
Location	T14N R92W S12	T14N R093W S08	T16N R092W S29	T17N R92W S12	T17N R95W S24	T18N R95W S33	T19N R093W S15	T19N R97W S13	T20N R96W S10	T22N R91W S08	T22N R93W S28	T23N R96W S25	T18N R93W S10	T19N R93W S34	T21N R94W S14	T20N R94W S34
Sample period	1963	1976	1958	1958	1976	1976	1958	1958	1972	1963	1963	1976	1990	1987	1989	1973
Parameter																
Bicarbonate	719	696	453	213	403	1,080	484	458	855	157	144	1100	302	3,429	1,600	464
Calcium	34	130	120	31	25	59	450	31	0	18	190	3.6	222	294	45	3.1
Carbon Dioxide	7.3	1.8	29	5.4	4.1	43	77	18	14	10	9.2	7	nm	nm	nm	nm
Carbonate	0	0	0	0	0	0	0	0	nm	0	0	nm	0	0	0	27
Chloride	340	94	10	5	19	32	13	25	18	5.8	14	54	5.2	7.1	6,600	23
Fluoride	1.5	1.4	0.5	0.5	2.3	3.1	0.3	nm	1.9	0.4	0.1	5.2	0.38	0.62	1.62	1.4
Hardness	220	820	470	140	100	270	1,800	120	0	53	570	12	1,197	159	0	10
Magnesium	33	120	42	15	9.8	30	170	11	0	1.9	23	0.7	154			0.5
Nitrate	0.63	nm	0.43	0.18	nm	nm	0.59	2.3	0.11	0.07	0.36	nm	nm	nm	nm	nm
Nitrite + Nitrate	2.8	0.03	1.9	0.8	nm	nm	2.6	10	0.5	0.3	1.6	nm	nm	nm	7.8	0.1
Noncarbonate hardness	0	250	98	0	0	0	1,400	0	0	0	450	0	nm	nm	nm	nm
pH, SU	8.2	8.8	7.4	7.8	8.2	7.6	7	7.6	8	7.4	7.4	8.4	7.4	7.2	7.66	8.6
TDS	3,590	7,210	736	497	2,590	3,270	2,430	1,580	777	479	1,780	1,050	1,998	2,201	12,755	532
Silica	5.2	13	11	6.7	13	14	18	6.4	nm	9.2	10	11	nm	nm	nm	12
Sodium + potassium	nm	nm	79	121	nm	nm	64	510	337	nm						
Sodium	1,200	2,100	nm	nm	820	1,000	nm	nm	150	320	420	107	73.2	4,550	219	
Conductance, umhos/cm	5,200	8,000	1100	776	3,800	4,600	2,680	2,310	nm	769	2,330	1,850	2,200	2400	16,215	843
Sulfate	1,600	4,400	250	210	1,500	1,600	1,500	770	0	220	1,100	4.6	1,089	1,062	6	12

mg/L except as noted

nm = not measured

Source: WRDS 2007; USGS 2007

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

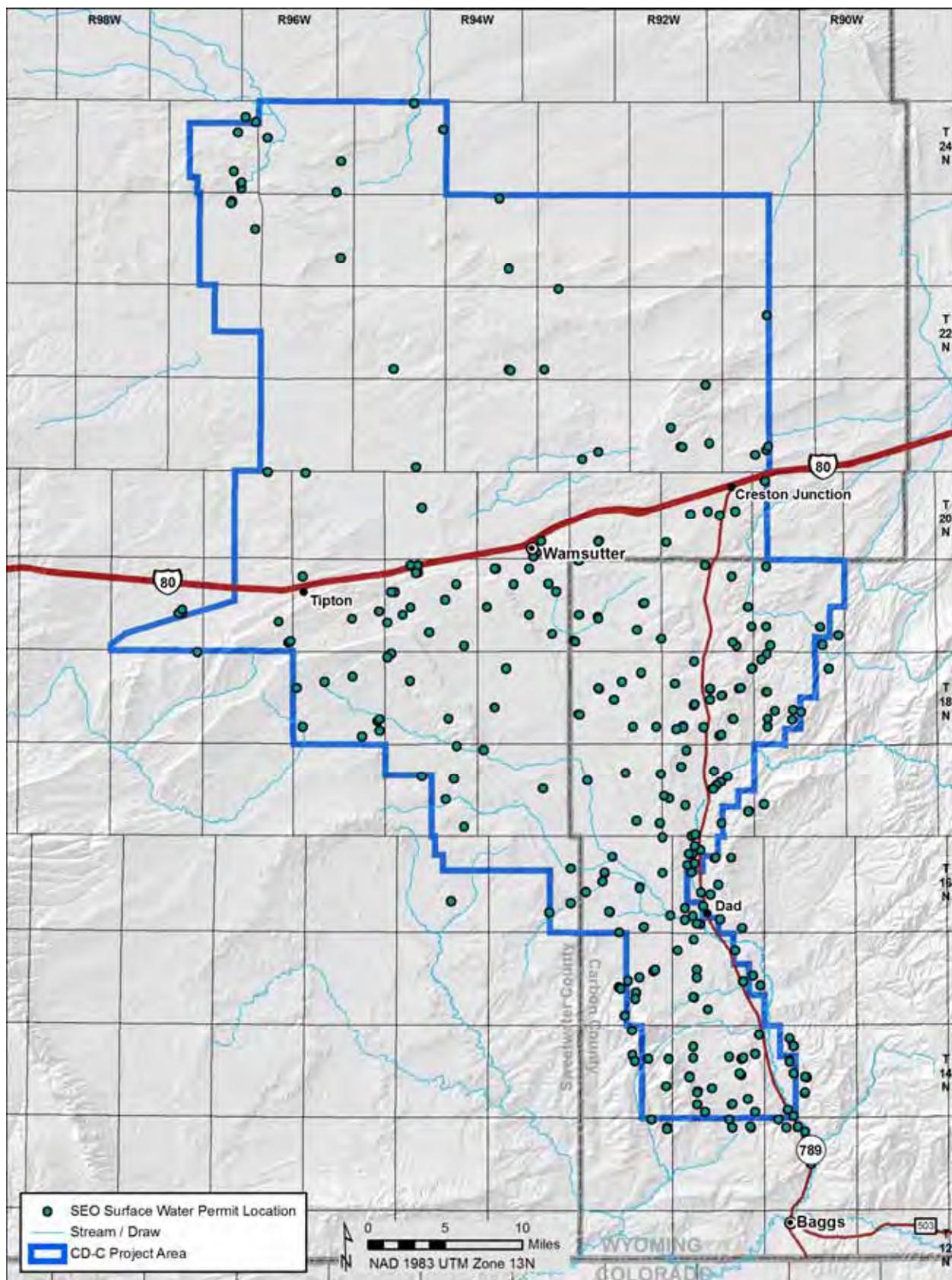


**Map F-1. Surface water monitoring sites within and adjacent to the CD-C project area**

Source: From U.S. Geological Survey, Scientific Investigations Report 2004-5214

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

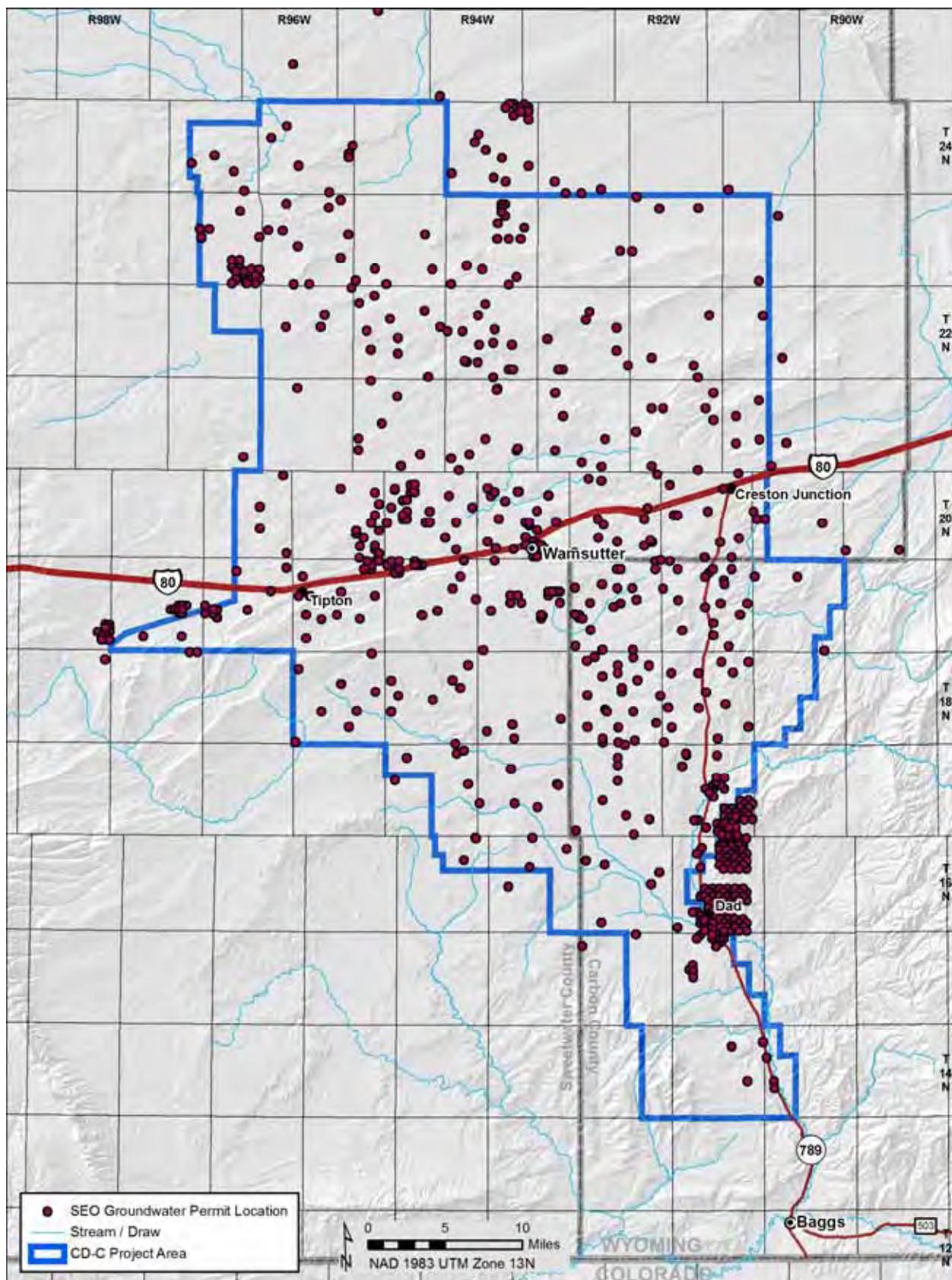
## APPENDIX F—WATER RESOURCES SUPPORTING DATA



**Map F-2. Surface water rights within and adjacent to the CD-C project area**

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

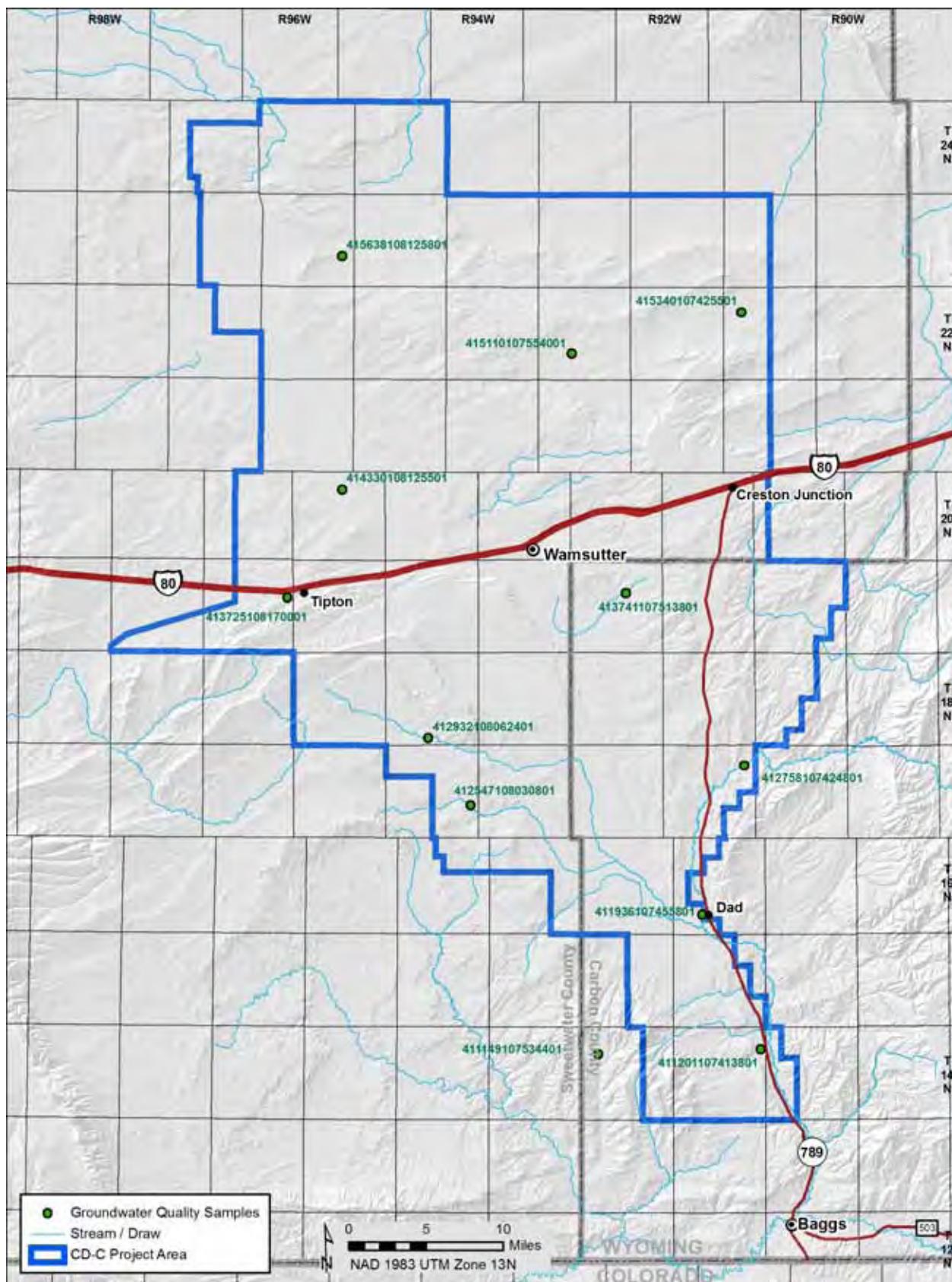
## APPENDIX F—WATER RESOURCES SUPPORTING DATA



**Map F-3. Groundwater rights within and adjacent to the CD-C project area**

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

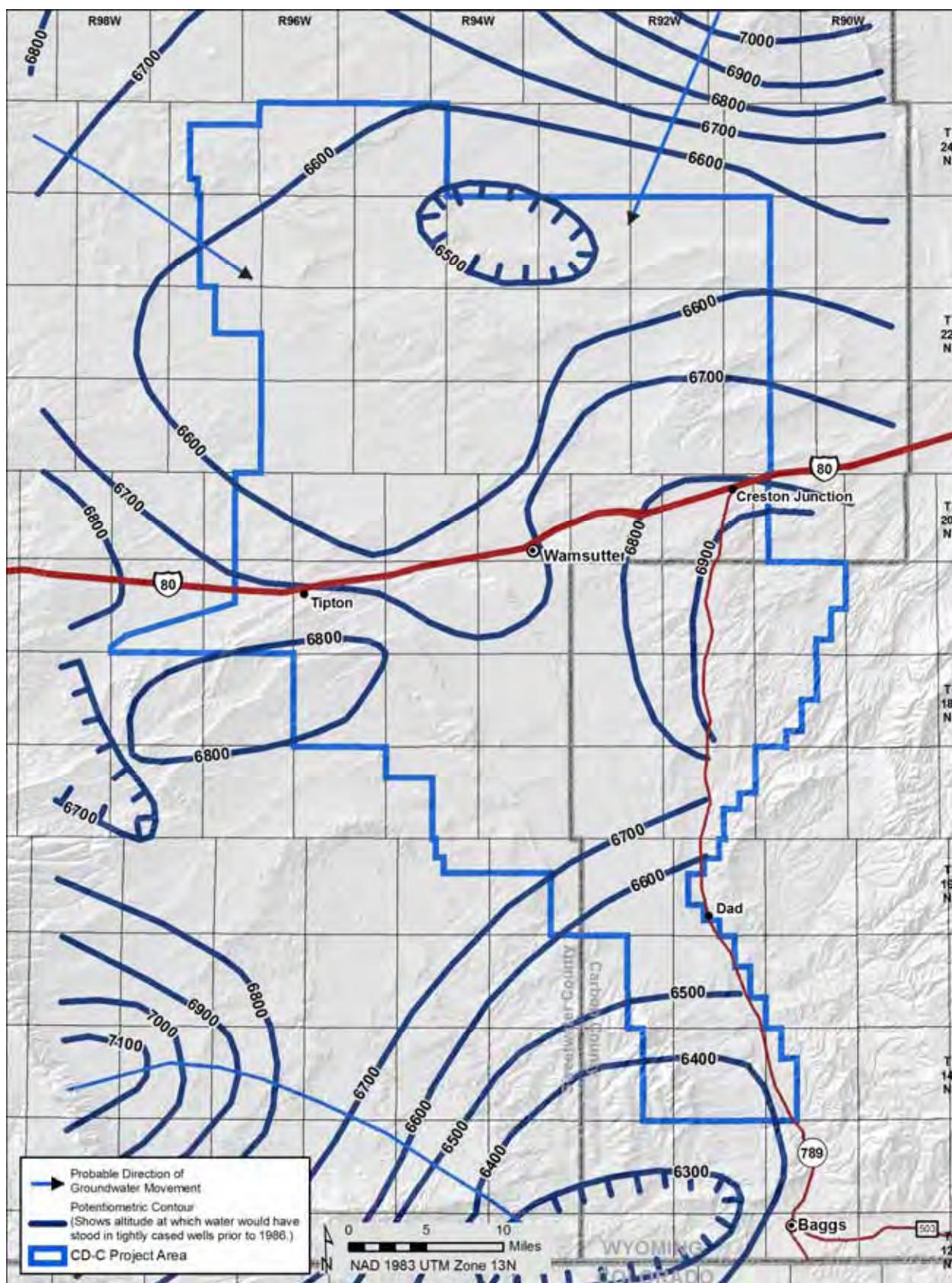
## APPENDIX F—WATER RESOURCES SUPPORTING DATA



**Map F-4. Groundwater monitoring sites within and adjacent to the CD-C project area**

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

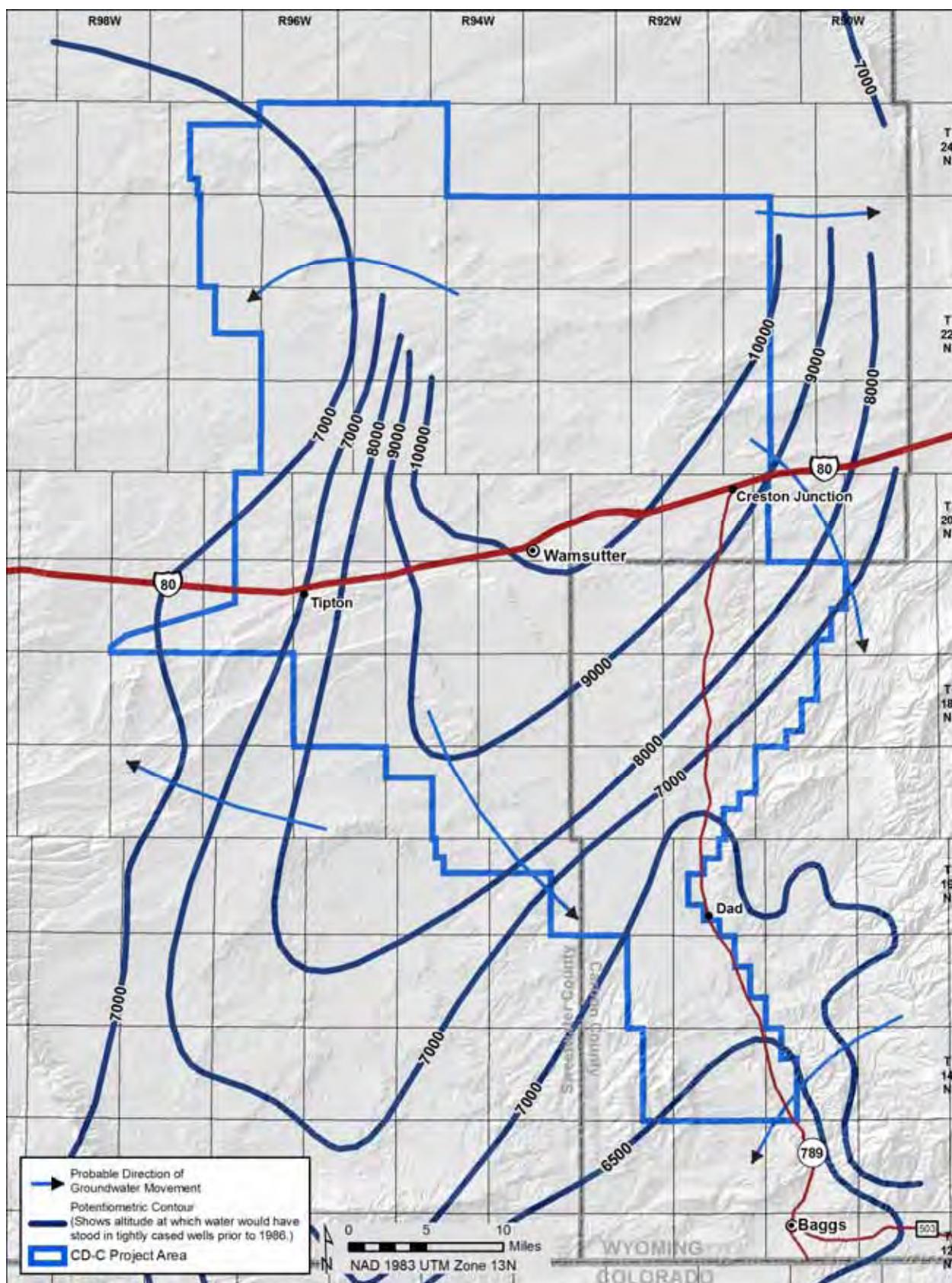


**Map F-5. Generalized potentiometric surface and groundwater flow direction, Wasatch Aquifer**

Source: U.S. Geological Survey, Scientific Investigations Report 2004-5214

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

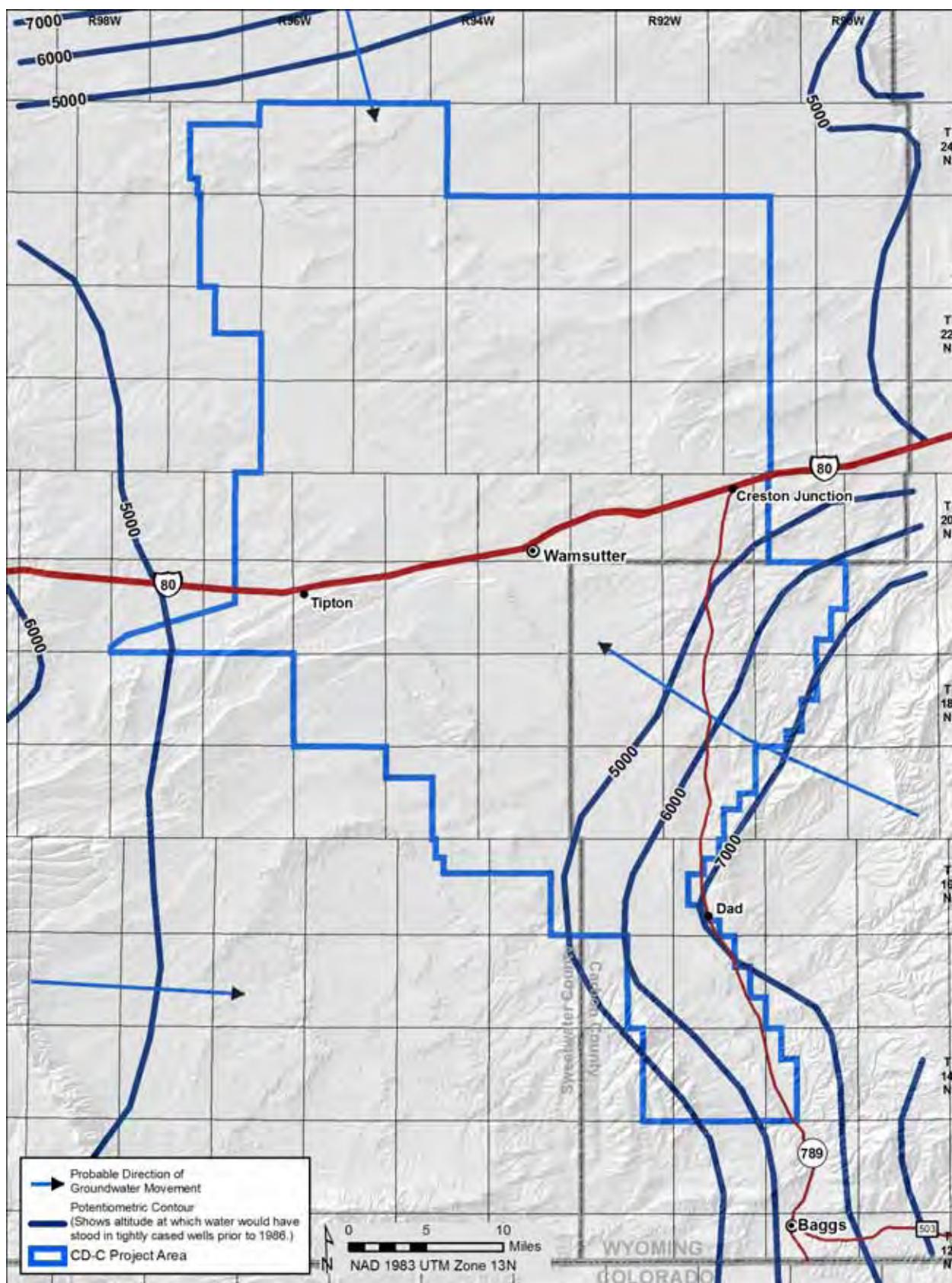


**Map F-6. Generalized potentiometric surface and groundwater flow direction, Mesaverde Aquifer**

Source: U.S. Geological Survey, Scientific Investigations Report 2004-5214

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA

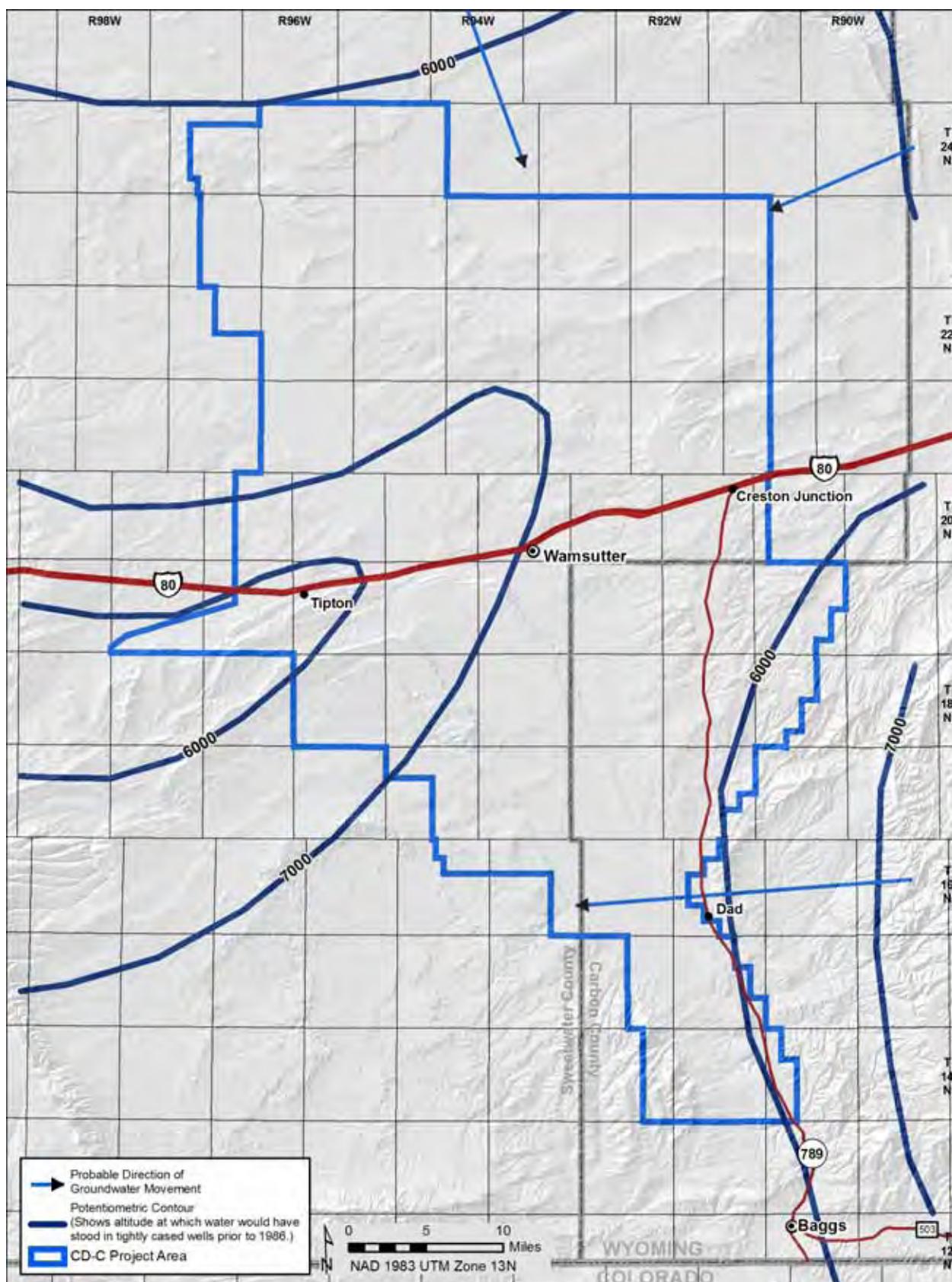


**Map F-7. Generalized potentiometric surface and groundwater flow direction, Tensleep Aquifer**

Source: U.S. Geological Survey, Scientific Investigations Report 2004-5214

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

## APPENDIX F—WATER RESOURCES SUPPORTING DATA



**Map F-8. Generalized potentiometric surface and groundwater flow direction, Madison Aquifer**

Source: U.S. Geological Survey, Scientific Investigations Report 2004-5214

No warranty is made by the BLM for use of the data for purposes not intended by the BLM.